THE PANAMA CANAL RECORD

VOLUME 32

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THE PANAMA CANAL RECORD

PUBLISHED MONTHLY UNDER
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AUGUST 15, 1938 TO JULY 15, 1939

VOLUME XXXII
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BALBOA HEIGHTS, CANAL ZONE
1939

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Traffic Through the Panama Canal in July 1938

The total vessels of all kinds transiting the Panama Canal during the month of July 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	July 1936	July 1937	July 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	456	457	218	211	429
Local commercial vessels [1]	38	62	47	33	80
Noncommercial vessels:					
United States Government	26	44	12	11	23
Colombian Government	2	1	2	2	4
State of New York	1	.....	.....	.....	.....
For repairs	.....	1	2	1	3
Total	523	565	281	258	539

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve months ended July 31, 1938, as compared with the twelve months ended July 31, 1937:

Month	No. of vessels		[3] Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
August	473	505	2,398,306	2,597,119	2,396,331	2,780,603	$2,051,540.28	$2,195,308.87
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	2,045,440.82	1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	[4] 2,511,674	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	[4] 2,438,985	2,652,880	2,279,235	2,067,026.68	1,961,456.58
May	544	465	2,839,127	[4] 2,322,642	2,950,925	2,309,171	2,376,706.36	1,886,825.66
June	472	445	2,450,018	[4] 2,227,698	2,670,466	2,122,389	2,070,337.89	1,801,291.78
July	457	429	2,395,306	[5] 2,091,000	2,476,366	2,025,660	2,029,642.45	1,694,205.00
Total	5,388	5,496	27,522,389	27,753,803	28,134,417	26,935,218	23,132,674.39	22,834,451.25

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurment.

[3] These figures indicate the Panama Canal net tonnage as determined under the rules of measurement in effect prior to March 1, 1938.

[4] The Panama Canal net tonnage for these four months as determined under the rules now in effect was as follows: March 1938, 2,311,526; April 1938, 2,258,836; May 1938, 2,150,228; June 1938, 2,064,793.

[5] Estimated tonnage under the former rules, based on total of 1,933,816 Panama Canal net tons as now measured.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of July 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	[6] Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	47	1,598	$1,350.54	1,247
Pacific to Atlantic	33	1,479	1,286.46	1,407
Total	80	3,077	2,637.00	2,654

[6] As measured under the present Panama Canal rules.

Traffic by Nationality of Vessels[7] for July 1938

	No. of transits	[8] Panama Canal net tonnage	Tolls	Tons of cargo
British	90	493,917	$429,540.12	421,478
Chilean	1	5,014	4,512.60	3,865
Danish	18	61,820	54,339.30	54,942
French	9	45,965	41,044.14	42,940
German	30	105,392	94,852.80	107,318
Greek	4	18,158	16,342.20	31,012
Italian	5	26,773	24,095.70	22,020
Japanese	25	142,119	126,130.14	128,816
Latvian	1	2,738	2,464.20	4,870
Netherland	29	62,715	56,273.58	56,386
Norwegian	55	245,375	208,755.00	259,492
Panamanian	14	21,980	17,355.78	8,688
Swedish	11	48,427	40,203.18	74,137
United States	135	643,987	571,502.34	809,696
Yugoslav	2	9,436	6,793.92	.....
Total	429	1,933,816	1,694,205.00	2,025,660

[7] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[8] As measured under the present Panama Canal Rules.

Traffic by Trade Routes for July 1938

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated; hence in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[8] Panama Canal net tonnage	Tons of cargo	No. of ships	[8] Panama Canal net tonnage	Tons of cargo
United States intercoastal	44	215,704	172,288	44	220,783	337,161
East coast United States and:						
Canada	3	13,979	2,540	1	3,954	7,886
Central America and Mexico	1	2,818	.....	2	5,679	3,012
South America	16	62,021	18,612	17	71,719	207,368
Hawaiian Islands	3	14,331	6,241	8	37,324	63,819
Australasia	6	36,583	31,154	.....	.....	.....
Philippine Islands	8	45,559	28,706	14	75,463	83,657
Far East	21	107,767	131,857	2	12,421	4,476
Canada intercoastal	2	10,072	12,396	.....	.....	.....
East coast Canada and:						
South America	.....	.....	.....	1	5,513	12,186
Australasia	4	20,839	20,998	2	11,053	6,328
Far East	1	4,339	7,500	.....	.....	.....
Central America and Mexico intercoastal	1	3,643	6,524	.....	.....	.....
East coast Central America/Mexico, and United States	.....	.....	.....	1	7,456	.....
East coast Central America/Mexico and Far East	.....	.....	.....	1	6,838	.....
South America intercoastal	4	4,892	7,754	1	1,355	.....
East coast South America and:						
United States	1	4,551	2,269	.....	.....	.....
Canada	1	4,032	3,364	1	4,573	6,020
Far East	2	11,832	7,696	1	5,425	1,968
Cristobal and:						
Central America and Mexico	4	2,601	3,670	4	2,601	3,214
South America	18	9,952	3,227	19	11,192	10,244
West Indies and:						
United States	.....	.....	.....	4	20,689	42,802
Canada	1	4,958	6,175	.....	.....	.....
Central America and Mexico	1	3,238	.....	.....	.....	.....
South America	1	7,468	13,865	.....	.....	.....
Europe and:						
United States	17	69,707	267	17	65,715	101,188
Canada	26	139,643	37,982	28	149,654	217,580
Central America and Mexico	.....	.....	.....	1	3,221	723
South America	20	108,134	43,729	29	147,203	206,244
Hawaiian Islands	1	5,026	8,919	1	8,696	17,527
Australasia	6	49,651	38,124	7	49,251	38,685
Europe and:						
Far East	1	5,659	7,157	3	13,686	24,823
Egypt and South America	1	3,705	.....	.....	.....	.....
Around the world	.....	.....	.....	1	6,555	5,735
Foreign vessels in ballast (United States intercoastal)	3	12,563	.....	.....	.....	.....
Vessels not engaged in commerce	.....	.....	.....	[9] 1	530	.....
Total	218	985,267	623,014	211	948,549	1,402,646

[8] As measured under the present Panama Canal rules. [9] Yacht.

Origin and Destination of Cargo by Major Areas

The following table summarizes the origin of cargo passing through the Canal in July 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	174,245	14,461	159,449	16,699	28,398	393,252
Other North America	1,864	31,280	9,613	20,957	23,866	87,580
Europe	25,987	18,995	2,481	35,394	37,462	120,319
Miscellaneous	6,755	151	6,957	7,450	550	21,863
Total	208,851	64,887	178,500	80,500	90,276	623,014

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	332,803	52,215	202,887	7,435	595,340
Canada	7,886	3,542	110,835	1,007	123,270
Other North America	66,831	3,415	18,059	.....	88,305
South America	202,631	29,233	204,124	54	436,042
Australasia	4,792	1,536	38,685	.....	45,013
Asia	86,793	2,732	24,823	328	114,676
Total	701,736	92,673	599,413	8,824	1,402,646

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during July 1938 or July 1937 are listed below:

Commodity	July		Commodity	July	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Asphalt and tar	22,548	7,787	Beans, edible, dry	13,466	16,431
Automobiles and parts	31,733	17,813	Borax	15,484	5,607
Cement	19,264	9,951	Canned goods, various	51,006	71,164
Coal and coke	12,498	9,035	Coffee	14,651	14,465
Cotton, raw	9,633	13,663	Cold storage (food products)[10]	15,381	27,616
Iron and steel	202,737	115,869	Cotton, raw	12,801	14,113
Machinery	19,425	11,972	Flour	16,023	13,718
Manufactured goods	11,512	14,400	Fruit, dried	10,759	17,134
Metals, various	126,289	21,844	Fruit, fresh [11]	2,375	36,379
Oils, mineral	52,412	61,501	Lumber	324,907	212,388
Ores	23,045	2,074	Metals, various	54,058	62,851
Paper and paper products	44,385	34,936	Molasses and syrups	9,045	18,889
Phosphates	51,112	2,697	Nitrates	56,794	80,714
Scrap metals	116,766	67,898	Oils, mineral	306,973	239,454
Soda and sodium compounds	10,022	2,997	Oils, vegetable	16,948	10,781
Sulphur	29,274	13,690	Ores	204,967	193,902
Tinplate	23,268	13,722	Paper and paper products	14,293	6,171
Wood pulp	12,867	3,830	Soy beans	35	24,823
			Sugar	114,751	125,818
Pacific to Atlantic			Wheat	21,107	45,709
Asphalt and tar	9,942	11,110	Wood pulp	22,402	14,376
Barley	1,988	24,319	.....	.....	.....

[10] Except fresh fruit. [11] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of July 1938, as reported in the cargo declarations showing the movement, by direction, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items

are frequently grouped under the designation of "general cargo"; the statistics accordingly are not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	178	568
Agricultural implements	609	9	4,657	11
Alfalfa meal	.....	643	.....	1,221
Ammonium compounds	140	22	3,328	22
Animal foods [12]	81	73	92	73
Apparel, wearing (hats, shoes, clothing, etc.)	333	.....	336	23
Asbestos	359	.....	1,991	1
Asphalt and tar	108	10,737	7,787	11,110
Automobiles (and autotrucks)	947	14	11,575	27
Automobile parts and accessories	287	52	6,238	73
Bags and bagging, textile	125	.....	405	369
Bamboo and products	.....	.....	.....	12
Bananas	.....	.....	.....	4,319
Barks, miscellaneous	.....	95	.....	708
Barley	.....	48	.....	24,319
Beans, edible, dry	116	5,249	116	16,431
Beer	26	.....	185	.....
Beverages, nonalcoholic	12	.....	12	.....
Blood and tankage	.....	.....	85	170
Bones and bone meal	.....	.....	148	10
Books and printed matter	60	.....	60	.....
Borax	.....	498	107	5,607
Bran and pollards	.....	.....	.....	2,107
Bricks and tile	71	.....	296	.....
Camphor, crude	.....	.....	.....	68
Canned and preserved goods:				
Fish	295	9,695	582	12,267
Fruit	734	18,018	775	40,454
Meat	119	193	786	871
Milk	.....	109	708	221
Soup	3,038	.....	3,213	3
Vegetables	367	9,559	620	10,004
Miscellaneous and unclassified	952	6,190	2,862	7,344
Carbon black	.....	.....	809	17
Celite	.....	759	.....	855
Cement	615	.....	9,951	7
Chalk	.....	.....	1,025	.....
Charcoal	150	2	408	12
Chemicals [12]	3,476	425	8,664	2,321
Clay, china and fire	455	232	3,268	413
Clay, filtering	.....	.....	.....	89
Coal	630	.....	5,266	.....
Cocoa and cacao beans	242	.....	700	963
Coconuts and products [12]	30	1,182	56	2,315
Coffee	158	.....	5,738	14,465
Coke	.....	.....	3,769	.....
Cold storage and refrigerated products:				
Dairy products	.....	126	170	10,726
Eggs	.....	.....	5	273
Fish	.....	.....	23	316
Lard	375	.....	424	120
Meats	.....	.....	292	15,983
Poultry	.....	.....	16	2
Vegetables	.....	16	10	196
Other and unclassified	.....	.....	11	.....
Confectionery	644	.....	674	.....
Copra	.....	.....	.....	8,439
Copra meal and cake	.....	.....	.....	1,204
Cotton, raw	.....	924	13,663	14,113
Creosote	.....	.....	5,033	.....
Drugs and medicines	1,962	18	2,419	18
Dyes	.....	.....	282	3
Earthenware	39	.....	184	124
Electrical apparatus and appliances	1,976	111	2,847	158
Enamelware and metalware	236	.....	236	115
Explosives	133	.....	564	.....
Extract, quebracho	.....	.....	529	.....
Fertilizers [12]	.....	77	125	281
Fish, salted or dry-cured	.....	.....	.....	121
Fish meal	.....	.....	.....	587
Floor coverings	1,796	948	1,967	1,091
Flour	1,135	10,349	1,455	13,718
Fruit, dried	73	8,591	140	17,134
Fruit, fresh [12]	.....	500	19	36,379
Furniture and household goods	347	338	447	353

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Gallnuts	.....	.....	.....	35
General	14,632	2,918	44,488	13,881
Glass and glassware	1,587	40	5,246	217
Glue	122	32	145	67
Grains, other and unclassified	27	.....	127	420
Groceries	1,608	247	2,080	255
Gums	.....	15	2	202
Hair, all kinds	100	21	100	43
Hay	.....	40	3	55
Hemp, unmanufactured	5	103	20	1,812
Honey	.....	119	.....	478
Hops	.....	.....	.....	3
Horns and hoofs	.....	.....	100	4
Infusorial earth	137	448	147	689
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	49,070	330	115,869	611
Ivory nuts	.....	.....	.....	1,399
Jute, unmanufactured	.....	.....	75	40
Lard substitute	785	.....	863	27
Lime	.....	.....	54	.....
Liquors	3,029	305	4,870	308
Lumber (including manufactured mill products)	2,207	109,419	3,890	212,388
Machinery	1,916	568	11,972	732
Malt	.....	.....	421	.....
Manufactured goods [12]	7,230	287	14,400	557
Marble and granite	14	.....	102	.....
Matches	250	69	317	69
Metals:				
Antimony	.....	.....	.....	2
Copper	83	5,583	1,229	41,957
Gold and silver	.....	.....	.....	16
Iron	480	.....	19,241	.....
Lead	.....	2,073	17	15,226
Tin	457	140	579	981
Zinc	57	.....	182	4,177
Other and unclassified	299	.....	596	492
Milk, powdered	.....	338	15	622
Molasses and syrups	178	21	294	18,889
Nitrates	.....	.....	3,777	80,714
Nuts, edible (including meats)	.....	101	522	241
Oats	108	.....	139	5,835
Oils, mineral:				
Crude	.....	9,900	1,099	78,980
Gas and fuel	.....	.....	20,615	24,981
Gasoline, benzine and naphtha	.....	51,490	8,389	122,951
Kerosene	.....	.....	75	11,783
Lubricating and greases	19,978	289	31,323	759
Oils, vegetable:				
Coconut	.....	.....	54	6,949
Cottonseed	.....	.....	.....	303
Linseed	1,114	.....	1,135	.....
Olive	32	.....	649	.....
Peanut	.....	.....	10	.....
Rapeseed	.....	.....	.....	330
Teaseed	.....	.....	.....	210
Wood	17	.....	217	1,837
Other and unclassified	460	.....	1,423	1,152
Oil, fish	39	15	62	204
Oil, whale	.....	.....	40	.....
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	63	.....	1,887	2,573
Oilseed cake and meal	538	.....	548	4,673
Ores:				
Antimony	.....	96	.....	96
Chrome	119	.....	119	5,000
Copper	.....	.....	.....	983
Gold and silver	.....	.....	.....	1,223
Iron	.....	.....	27	166,600
Lead	.....	.....	.....	2,818
Magnesite	.....	456	.....	936
Manganese	159	.....	159	3,797
Tin	.....	.....	.....	5,241
Zinc	.....	.....	172	4,849
Other and unclassified	50	.....	1,597	2,359
Paints and varnishes	1,157	104	3,597	175
Paper and paper products [12]	10,432	5,349	34,936	6,171
Peanuts	301	.....	301	48
Peas, dry	.....	41	.....	168
Peatmoss	52	.....	1,613	.....
Phosphates	863	156	2,697	8,006
Plaster	16	.....	167	.....

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Porcelainware	186	118	748	1,867
Potash	12	3,679	5,465	3,726
Pyrethrum flowers	.....	.....	.....	50
Rags and waste	93	88	582	145
Railroad material	55	.....	4,497	.....
Rice	537	2	1,847	2,107
Rope and twine	234	41	439	103
Rosin	913	.....	3,287	5
Rubber:				
Manufactured	996	266	1,504	310
Raw	.....	.....	.....	1,772
Scrap	99	.....	333	60
Salt	77	10	8,147	2,764
Sand	450	.....	3,286	29
Scrap metal	80	23	67,898	583
Seeds (except oilseeds)	25	156	288	1,330
Shells, oyster	181	40	727	241
Silk, raw	.....	130	11	1,524
Skins and hides	6	1,251	484	3,252
Slag	.....	.....	1,305	.....
Slate	995	.....	995	.....
Soaps and products	2,586	67	2,692	98
Soda and sodium compounds:				
Soda ash	588	.....	985	15
Soda, caustic	462	.....	960	.....
Miscellaneous and unclassified	324	207	1,052	3,815
Soy beans	83	.....	83	24,823
Spices	251	.....	466	.....
Sugar	35	28,525	7,118	125,818
Sulphur	11,540	.....	13,690	5
Talc	.....	67	.....	233
Tallow	.....	864	26	1,896
Tea	50	45	691	717
Textiles [13]	3,304	.....	7,178	701
Tinplate	5,384	42	13,722	42
Tobacco and manufactures	324	50	2,245	72
Toilet preparations	51	122	90	153
Turpentine	286	.....	900	.....
Vegetables, dry [12]	.....	65	84	1,105
Wallboard	11	.....	413	1,447
Wax, paraffin	454	.....	1,059	291
Wheat	.....	124	28	45,709
Wines	62	1,037	656	1,887
Wood pulp	446	12,631	3,830	14,376
Wool	43	6,238	79	8,652
Total, July 1938	174,245	332,803	623,014	1,402,646
Total, July 1937	218,973	433,275	1,036,316	1,440,050
Total, July 1936	280,463	413,871	801,517	1,648,807

[12] Except as otherwise classified. [13] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of July 1938, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[14] Panama Canal net tonnage	Tons of cargo	No. of ships	[14] Panama Canal net tonnage	Tons of cargo
United States intercoastal	6	32,639	[15] 12,603	6	36,825	[17] 72,116
Canada intercoastal	1	5,090	[16] 9,531	.....	.....	.....
East coast Canada and South America	.....	.....	.....	1	5,513	12,186
Central America/Mexico intercoastal	1	3,643	6,524	.....	.....	.....
East coast Central America/Mexico, and United States	.....	.....	.....	1	7,456	.....
East coast Central America/Mexico, and Far East	.....	.....	.....	1	6,838	.....
South America intercoastal	1	1,570	3,323	.....	.....	.....
West Indies and:						
United States	.....	.....	.....	4	20,689	42,802
South America	1	7,468	13,865	.....	.....	.....
Europe and:						
United States	6	34,675	.....	7	37,576	75,210
South America	3	17,827	.....	4	22,814	47,106
Hawaiian Islands	.....	.....	.....	1	8,696	[18] 17,527
Total	19	102,912	45,846	25	146,407	266,947

[14] As measured under the present Panama Canal rules. [15] Includes 903 tons of linseed and castor oil. [16] Creosote and tar. [17] Includes 10,726 tons of asphalt. [18] Molasses.

Comparison of Canal Traffic in July 1938, with July Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of July			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	160	[19] 542	715	1915	[20] 100	361	466
1916	137	481	623	1916	60	199	258
1917	174	556	664	1917	145	483	588
1918	161	496	584	1918	165	547	627
1919	153	510	568	1919	162	510	576
1920	216	855	866	1920	199	712	781
1921	195	810	709	1921	232	950	966
1922	248	1,128	1,211	1922	222	951	907
1923	465	2,309	2,338	1923	325	1,550	1,631
1924	412	2,035	2,097	1924	429	2,179	2,249
1925	403	1,950	1,960	1925	382	1,904	1,996
1926	445	2,154	2,185	1926	424	2,064	2,169
1927	492	2,405	2,449	1927	441	2,184	2,311
1928	492	2,317	2,291	1928	521	2,453	2,468
1929	512	2,467	2,597	1929	524	2,485	2,554
1930	473	2,438	2,401	1930	502	2,497	2,502
1931	394	2,109	1,865	1931	447	2,314	2,089
1932	299	1,675	1,259	1932	364	1,968	1,650
1933	382	2,050	1,698	1933	347	1,900	1,513
1934	394	2,177	1,934	1934	436	2,379	2,059
1935	377	2,036	1,778	1935	432	2,317	2,109
1936	456	2,365	2,450	1936	449	2,335	2,209
1937	457	2,395	2,476	1937	449	2,291	2,342
1938	429	[21] 2,091	2,026	1938	460	[23] 2,338	2,282
				(22)	459	[21] 2,281	2,157

[19] Canal opened August 15, 1914. [20] Average for 10½ months. [21] Estimated tonnage under Panama Canal rules in effect prior to March 1, 1938. [22] Average for 7 months of calendar year 1938. [23] As measured under the rules in effect prior to March 1, 1938.

Terminal Activities

Ships repaired during the month of July 1938 numbered 48; of this number 9 were drydocked. Fuel and Diesel oil in the quantity of 269,936 barrels was delivered as bunkers to 118 commercial ships. Bunker coal amounting to 2,187 tons was delivered to 15 commercial ships. Sales of commissary supplies to ships aggregated $22,314,81.

Cargo Handled at Terminal Ports, July 1938

	Cristobal	Balboa	Total
Local cargo carriving ... tons	20,804	6,670	27,474
Local cargo shipped ... tons	3,198	861	4,059
Cargo received for transshipment ... tons	42,807	286	43,093
Cargo transshipped ... tons	43,343	290	43,633
"Canal Zone for Orders" cargo:			
Number of receipts issued	11	4	15
Number of releases issued	15	20	35
Tons received	84	20	104
Tons withdrawn	7	10	17

All Vessels Entering and Clearing Port, July 1938

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	490	2,855,041	1,697,959	463	2,603,406	1,564,370
Vessels entering port but not transiting Canal	53	319,394	174,717	12	46,640	29,950
Vessels transiting Canal and handling passengers and cargo at terminal ports	143	792,290	470,762	98	585,007	350,998
Ships clearing						
All vessels, including those transiting Canal	491	2,861,696	1,700,898	460	2,604,152	1,567,752
Vessels clearing port but not transiting Canal	56	336,147	180,884	10	43,628	27,738
Vessels transiting Canal and handling passengers and cargo at terminal ports	143	780,617	462,899	98	585,007	350,998

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight July 10, 1938, to midnight August 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Veragua, 12, 268
Santa Paula, 112, 7
Europa, 17, 194
Sambu, 0, 121
Santa Clara, 558, 4 pkgs.
Contessa, 207, 804
Aconcagua, 35½, 2
Cuba, 85, 35
Porta, 0, 46
Gansfjord, 17, 227
Patricia, 223, 0
Clio, 391, 0
Dinteldijk, 185, 202
Musa, 495, 21
Nuevo Panama, 243, 177
Knute Nelson, 6, 256
Quirigua, 181, 881
Pereira, 1,163, 636
Guayaquil, 1,072, 375
R. L. Hustler, 1½, 0
Hermonthis, 4 pkgs., 0
Anubis, 22, 0
Terukawa Maru, 388, 0
Hokkai Maru, 408, 295
Saarland, 67, 323
Quito, 1, 195
Cuba, 0, 1,507
Nero, 214, 95
Buenos Aires, 82, 618
Durazzo, 815, 49
Ulua, 608, 347
Costa Rica, 68, 7
Amerika, 0, 53
San Clemente, 342, 4
Vancouver, 156, 135
Istmo, 1,053, 378
Bethore, 9,961, 0
Potick, 2, 3
Falcon, 325, 83
Helder, 0, 131
Commissaire Ramel, 0, 134
Ammon, 28, 138
Trois Ilets, 0, 39
Leipzig, 138, 154
Santa Elena, 127, 255
Chiriqui, 95, 53
Ino, 608, 173
Elbe, 271, 311
Oropesa, 93, 4
Cacique, 29¼, 0
Santa Barbara, 331, 4
Sambu, 0, 3
Emma Bakke, 340, 63
Cefalu, 473, 640
Loriga, 2, 124
Acajutla, 543, 684
Nebraska, 190, 39
Dresden, 46, 306
Platano, 359, 408
Cristobal, 3,395, 790
San Antonio, 48, 80
Oakland, 180, 183
Jamaica, 179, 1,191
Phrygia, 15, 697
Laurits Swenson, 19, 633
Canada, 1, 405
Cerigo, 1,171, 202
Nero, 356, 39
Yamabiko Maru, 360, 0
Santa Marta, 521, 145
Santa Inez, 325, 72
Toulouse, 753, 0
Washington, 11,837, 0
Orazio, 3, 87
Madoera, 311, 0
Clio, 103, 48
Costa Rica, 0, 702
Lysefjord, 26, 518
Istmo, 794, 126
Nuevo Panama, 0, 47
Boskoop, 126, 1,255
Davisian, 120, 55
La Paz, 0, 87
Jefferson Myers, 179, 0
Trois Ilets, 373, 13
Kongo Maru, 360, 0
Hardanger, 16, 310
Margaret Lykes, 2,347 643
Talamanca, 10, 246
Pasajero, 0, 8
Santa Rosa, 100, 81
Santa Rita, 417, 0
Wyoming, 157, 176
Cordillera, 129, 32
Washington, 86, 1,280
Sambu, 0, 21
Tuna, 700 lbs., 0
Damsterdijk, 435, 75
Contessa, 484, 547
Musa, 530, 169
Delftdijk, 100, 7
Santore, 10,706, 0
Roda, 145, 211
Cellina, 251, 12 pkgs.
Nero, 442, 66
Santa Clara, 370, 719
Veragua, 297, 1,496
Bogota, 1,342, 0
Smaragd, 751, 771
Reina del Pacifico, 36, 44
Durazzo, 0, 176
Toloa, 622, 88
Buenaventura, 1,534, 313
Sambu, 19, 0
Istmo, 812, 266
Ino, 237, 74
De La Salle, 92, 449
City of Rayville, 186, 0
Naruto Maru, 118, 0
Kaikoura, 283, 8
Kyusyu Maru, 320, 222
Simon Bolivar, 45, 18
Vito, 320, 40
Santa Paula, 217, 0
Quirigua, 10, 237½
Cordillera, 23, 1,317
Nuernberg, 199, 100
San Francisco, 81, 239
Trois Ilets, 352, 95
Virgilio, 154, 17
Cefalu, 565, 655
Santa Lucia, 840, 12
San Marcos, 8, 0
San Pedro, 319, 948
Salvador, 573, 675
Tosan Maru, 0, 156½
Platano, 586, 224
Socrates, 258, 141
Orbita, 35, 739
Nero, 554, 62
Ancon, 2,548, 757
Santa Maria, 265, 321
Bogota, 0, 173
Chiriqui, 248, 817¼
Logician, 110, 0
Quito, 976, 103
Lebore, 11,651, 0
Clio, 603, 96
Karnak, 29, 66
Anna Maersk, 499, 0
Istmo, 806, 203
Lara, 10½, 584
Helen Whittier, 314, 4
Sixaola, 955, 199
Simon Bolivar, 1, 661
Real, 0, 32
Port Antonio, 1, 76
Murena, 12,044, 0
Balboa, 111, 280½
Chilore, 11,368, 0
Seattle, 223, 661
Oregon, 111, 36
Jamaica, 8, 44
Santa Elena, 98, 8
Ruth Lykes, 614, 341
Erria, 6, 19
Alabama, 4, 338
Dessau, 38 pkgs., 50
Abraham Lincoln, 5, 0
Pereira, 1,089, 0
West Cactus, 757, 163
Contessa, 323, 799
Musa, 715, 167
Santos, 1, 317
Kimikawa Maru, 439, 0
Tokai Maru, 190, 0
Muenchen, 517, 834
West Ira, 71, 0

BALBOA

Port Montreal, 3, 0
Emedio, 9,406, 0
Knute Nelson, 899, 66
Falcon, 195, 0
Santa Barbara, 3, 0
Acajutla, 4, 0
Choco, 7, 42
Florida Maru, 61, 0
Laurits Swenson, 183, 0
Emma Bakke, 706, 0
Montevello, 11,148, 22
Sirius, 106, 40
Oakland, 335, 0
Toulouse, 201, 0
Santa Inez, 80, 0
St. Mihiel, 178, 109
Remuera, 17, 0
Henderson, 3, 0
Washington, 709, 0
Miss C. B., 0, 3
Santa Clara, 277, 12
City of Rayville, 109, 0
Montecristi, 184, 0
Salvador, 2, 0
Santa Lucia, 4, 0
Santa Maria, 228, 0
Rakuyo Maru, 3, 0
West Cactus, 1,968, 0
ChateauThierry, 1,312, 0
Republic, 615, 0
Abraham Lincoln, 175, 0
Beaulieu, 1,185, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Canal ports during July 1938, numbered 1,846 at Cristobal and 873 at Balboa; embarking 2,028 at Cristobal and 853 at Balboa. Passengers passing through the Canal numbered 2,674 from the Atlantic to the Pacific, and 2,119 from the Pacific to the Atlantic. Aircraft numbering 57 entered Cristobal and 249 passengers disembarked; clearances were 60, with 237 passengers embarking. At Balboa, entries of aircraft numbered 60, with 121 passengers disembarking; clearances were 60, with 132 passengers embarking.

Comparison of Traffic at the Suez and Panama Canals for the Fiscal Years 1937 and 1938

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1936–37	1937–38	Increase	Decrease	1936–37	1937–38	Increase	Decrease
July	466	551	18.2	.....	456	457	0.2	.....
August	471	532	13.2	.....	473	505	6.8	.....
September	479	522	9.0	.....	466	444	.....	4.7
October	490	557	13 7	.....	482	461	.....	4.4
November	511	525	2 7	.....	368	435	11 8	.....
December	508	541	6.5	.....	341	439	28.7	.....
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
March	580	578	.....	0.4	536	506	.....	5.6
April	621	516	.....	16.9	473	487	3.0	.....
May	567	479	.....	15.5	544	465	.....	14.5
June	540	469	.....	13.1	472	445	.....	5.7
Total	6,332	6,322	.....	0.2	5,387	5,524	2.5	.....

Movements of Ocean Vessels Through the Panama Canal

From midnight July 10, 1938, to midnight August 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Charleston [13]	8	...	Amer.	U. S. Navy	U. S. port	Balboa, C. Z.	Ballast	.....
West Camargo	10	11	Amer.	McCormick S. S. Co.	BuenosAires,Arg.	Seattle, Wash.	General	2,269
Steel Traveler	10	11	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Penang, St. Sett.	Steel, gen.	7,588
Erviken	10	11	Nor.	Seaboard S. S. Co	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Europa [2]	11	11	Dan.	East Asiatic Co.	Copenhagen, Den	Vancouver, B. C.	General	586
Istmo	10	11	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	370
Woodcock [10]	10	...	Amer.	U. S. Navy	U. S. port	Balboa, C. Z.	Ballast	.....
Mostun [2]	11	12	Nor.	P. Coast-Europ. Corp.	Rotterdam,Neth.	Los Angeles, Cal.	Ballast	.....
Salvador	6	12	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	730
Bogota [2]	6	12	Ger.	North German Lloyd	Cartagena, Col.	Guayaquil, Ecua.	(15)	579
Carabobo [13]	12	13	Colom.	Colombian Govt	Cartagena, Col.	B'ventura, Col.	Ballast	.....
Hallaren [2]	12	12	Swed.	Polarus Ship. Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
Lt. Col. H. C. Schumm. [4]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
Porto Bello [3]	12	12	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Northumberland	12	13	Brit.	N. Z. Shipping Co.	Glasgow-England	Fremantle, Aust.	General	6,524
Associated [1]	12	13	Amer.	Tidewa'er Asso. Oil Co.	New York, N. Y.	S. Francisco, Cal.	Lub. oil	11,700
F. J. Luckenbach	12	13	Amer.	Luckenbach Line	New Orleans, La.	Los Angeles, Cal.	General	7,073
Cucuta [14]	12	13	Colom.	Colombian Govt	Cartagena, Col.	B'ventura, Col.	Ballast	.....
Panaman	13	13	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,974
Vinni [2]	13	13	Nor.	Kawasaki K. Kaisha	Havana, Cuba	Kobe, Japan	(16)	6,201
El Alcto [1] [2]	13	13	Brit.	C. T. Bowring & Co.	Liverpool, Eng.	Cabo Bl'co, Peru.	Ballast	.....
Sambu [2]	12	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	90
Real [2]	12	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	70
Nathan [2]	12	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]	.....	20
Barge No. 5441	12	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]	.....	20
Pirate [3]	13	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]	.....	20
Frank [3]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Cities Service Boston. [1]	12	14	Amer.	Cities Service Oil Co.	Boston, Mass.	San Luis Obispo, Calif.	Ballast	.....
City of Delhi	14	14	Brit.	Ellerman & Bucknall.	Montreal,Canada	Adelaide, Aust'lia	General	6,219
Clio [2]	13	14	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	Ballast	.....
Corsair [5]	...	...	Amer.	V. S. Bowen	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Knute Nelson [2]	14	16	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	1,416
Pacific	15	15	Amer.	Weyerhaeuser S. S. Co	New York, N. Y.	Seattle, Wash.	Gen., steel	3,298
Nuevo Panama [2]	13	15	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	220
Saarland	15	16	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	3,944
Australian Reefer [2]	16	16	Dan.	J. Lauritzen	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....
Quito [2]	15	16	Ger.	North German Lloyd	Bremen, Ger.	Guayaquil, Ecua.	General	173
Robert Luckenbach.	16	16	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,565
Alaskan	16	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,382
Grete Maersk [2]	16	16	Dan.	Maersk Line	Boston, Mass.	Cebu, P. I.	Gen., mach.	4,721
Santana [6]	16	...	Amer.	W. L. Stewart	Pt.auPrince,Haiti	Balboa, C. Z.	Ballast	.....
Nero [2]	15	16	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Tumaco, Colom.	General	87
Opawa [2]	16	17	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	Omaru, N. Z.	General	9,340
Sysla [1] [2]	16	17	Nor.	E. A. Gibson & Co.	Preston, England	Los Angeles, Cal.	Ballast	.....
West Cape	17	17	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	2,750
Taranger [2]	17	17	Nor.	Interocean S. S. Corp.	Rotterdam,Neth.	Vancouver, B. C.	Ballast	.....
Flomar	17	17	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,758
San Clemente	16	17	Amer.	Quaker Line	New York, N. Y.	Tacoma, Wash.	General	4,897
Lady Glanely [2]	17	17	Brit.	Seaboard S. S. Co.	Birkenhead, Eng.	Vancouver, B. C.	Ballast	.....
Steel Voyager	17	17	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Tacoma, Wash.	Gen., steel	4,398
Atheltemplar [1] [2]	17	17	Brit.	United Molasses Co.	Donges, France	Los Angeles, Cal.	Ballast	.....
Falcon	17	18	Amer.	Grace Line	New York, N. Y.	Callao, Peru	General	752
Erlangen	17	17	Ger.	North German Lloyd	New Orleans, La.	Brisbane, Aust'lia	(18)	7,631
Istmo	16	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	570
Pan-Air I. W. [5]	...	..	Amer.	Pan-American Airw's.	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Talaralite [1]	17	18	Brit.	Tropical Oil Co	Barranquilla, Col.	B'ventura, Col.	Gasoline	3,323
Katuragi Maru [2]	18	18	Jap.	Kokusai Kisen Kaisha	New Orleans, La.	Dairen, China	Gasoline	4,230
Pacific Exporter [2]	18	18	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	691
Hokuroku Maru [2]	18	18	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	General	4,963
Commissaire Ramel.	17	18	Fr.	Messageries Marit'es.	Marseilles,France	Noumea, New Caledonia.	General	2,222
Jumna	18	18	Brit.	Canadian Transp. Co.	Mobile, Ala.	Vancouver, B. C.	(19)	2,500
Bethore	16	18	Amer.	Ore S. S. Corp.	Newp't News, Va.	Cruz Gr'de, Chile	Ballast	.....
Pereira	14	18	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	654
Trois Ilets	12	18	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	44
J-26 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Ruahine	19	20	Brit.	N. Z. Shipping Co.	London, England	Napier, N. Z.	General	5,644
Javanese Prince [2]	19	19	Brit.	Prince Line. Ltd.	Halifax, N. S.	Shanghai, China	General	4,466
Trondanger [2]	18	19	Nor.	Interocean S. S. Corp.	Rotterdam,Neth.	Los Angeles, Cal.	Ballast	.....
Carica Milica	18	19	J.-Slav	Seaboard Ship. Co.	Rotterdam,Neth.	Vancouver, B. C.	Ballast	.....
Wales Maru	19	19	Jap.	Kawasaki K. Kaisha	Pulupandan, P. I.	Yokohama,Japan	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [10] Minesweeper. [13] Gunboat. [14] Training ship. [15] General, gasoline, etc. [16] Scrap steel, general. etc. [17] For bananas and return to Cristobal, C. Z. [18] Asphalt, oil, general. [19] Wood, salt, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Cacique	19	19	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,116
Ino [2]	18	19	Neth.	Royal Neth S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	157
Maria Cristina [3]	19	19	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Hi Winni [13]			Amer.	F. Wirtz	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Grover J. [13]			Amer.	Grover Gravatt	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Emma Bakke [2]	19	21	Nor.	Scand.-So. Pac. Line	Goth'burg, Swed.	Valparaiso, Chile.	General	3,387
Heina [2]	19	20	Nor.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Vancouver, B. C.	General	3,048
Mantilla [1]	19		Nor.	United Fruit Co.	Pto. Cortez, Hon.	Balboa, C. Z.	Drydocking	
Loriga [2]	19	20	Brit.	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile.	General	2,753
Point Brava	20	20	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,970
Nebraska	20	21	Brit.	Royal Mail Line, Ltd.	London, England	Vancouver, B. C.	Gen., refrig.	1,537
Sambu [2]	19	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	45
Frank [3]	19		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
La Union [2]	19		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pirre [2]	19		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Loke [13]			Amer.	O. Peterson	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Nathan [2]	19		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		20
Barge No. 5441	19		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		20
Pirate [3]	19		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		20
Sirius	19	22	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Gen., lumber	1,183
Trelawny	20	21	Brit.	N. Z Shipping Co.	New York, N. Y.	Dunedin, N. Z.	General	3,596
British Col. Express. [2]	21	21	Nor.	Fruit Express Line	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Dresden [2]	20	21	Ger.	North German Lloyd	Hamburg, Ger.	Corral, Chile	General	6,018
San Antonio	21	21	Fr.	French Line	Havre, France	Vancouver, B. C.	General	5,882
Oakland [2]	21	22	Ger.	Hamburg-Amer. Line.	Hamburg-Ger.	Vancouver, B. C.	General	2,894
Hawaiian	21	22	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	General	3,078
Lt. Col. H. C. Schumm. [4]	19		Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
Kahuku	22	22	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H.	General	2,515
Kasii Maru [2]	22	22	Jap.	Kokusai Kisen Kaisha	Hamburg, Ger.	Moji, Japan	(15)	7,157
Oregonian	22	22	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	2,718
Port Brisbane	22	22	Brit.	Port Line, Ltd.	Philadelphia, Pa.	Adelaide, Aust'lia	General	4,614
Tomislav	22	22	J.-Slav	Chile Nit. Sales Corp.	Flushing, Neth.	Chilean port	Ballast	
William Luckenbach.	22	22	Amer.	Luckenbach Line	Providence, R. I.	Tacoma, Wash.	General	3,426
Canada [2]	21	22	Swed.	Johnson Line	Stockholm, Swed.	Honolulu, T. H.	(16)	8,919
Santa Inez [2]	22	23	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile.	General	1,568
Nero [2]	22	23	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	36
Boulderpool	22	23	Brit.	Sir R. Ropner & Co.	W. Hartlep'l, Eng.	Vancouver, B. C.	Ballast	
Helga	23	23	Dan.	J. Lauritzen	New York, N. Y.	Talcahuano, Chile	General	1,529
Mersington Court	23	23	Brit.	Chile Nit. Sales Corp.	Alexandria, Egypt	Iquique, Chile	Ballast	
Gertrude Kellogg [1]	22	23	Amer.	Kellogg S. S. Co.	New York, N. Y.	Los Angeles, Cal.	(17)	903
Californian [2]	23	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	4,037
Clio [2]	23	24	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	43
Chattanooga City	24	24	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	General	2,629
Noto Maru [2]	24	24	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Scrap steel	4,418
St. Mihiel [8]	23	25	Amer.	U. S. Army	Brooklyn, N. Y.	S. Francisco, Cal.	Military sup.	257
La Paz [2]	24	24	Brit.	Pacific Steam Nav. Co.	Hull, England	Ant'fagasta, Chile	General	2,769
Hardanger	24	24	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	Gen., coffee	3,380
Nuevo Panama [2]	23	24	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	105
Andino [1]	24		Brit.	Lago Shipping Co.	Aruba, N. W. I.	Balboa, C. Z.	Drydocking	
Istmo	23	24	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	295
Hydra [5]			Pan.	L. Constantine	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
J-67 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Jefferson Myers	24	25	Amer.	Quaker Line	Norfolk, Va.	San Diego, Calif.	General	2,438
Chulmleigh	25	25	Brit.	Seaboard Shipping Co.	Barry, England	Pacific ports	Ballast	
Boskoop	23	25	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,193
Cerigo	21	26	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	183
Trois Ilets	24	26	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	12
Atutasan Maru [2]	25	25	Jap.	Mitsui Bussan Kaisha	Baltimore, Md.	Moji, Japan	Steel, rosin	8,551
Nathan [2]	25		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		20
Acajutla	19	26	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	684
Trelissick	25	26	Brit.	Hain S. S. Corp.	Barry, England	Portland, Oreg.	Ballast	
Kosei Maru [2]	25	26	Jap.	Hiroumi Shoji Kaisha	New York, N. Y.	Los Angeles, Cal.	Ballast	
Florence Luckenbach.	26	26	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	5,760
Kiyosumi Maru [2]	26	26	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Steel, cotton	6,806
Washington	26	26	Amer.	Weyerhaeuser S. S. Co.	Norfolk, Va.	Los Angeles, Cal.	Steel, gen.	3,200
Bronxville [2]	26	26	Nor.	Fern Line	Mobile, Ala	Yokohama, Japan	Pig iron	7,800
Ewa	26	26	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	Steel, gen.	1,322
Thistleglen	26	26	Brit.	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Ballast	
Sage Brush	26	26	Amer.	Shepard S. S. Co.	Albany, N. Y.	Seattle, Wash.	General	3,771
Skjelbred [2]	26	26	Nor.	Kawasaki K. Kaisha	New Orleans, La.	Japan	(18)	5,817
Mamari	26	27	Brit.	Shaw, Savill & Albion	Mid'brough, Eng.	Auckland, N. Z.	General	11,443
Maria Cristina [3]	26	26	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [8] Transport. [13] Sailboat. [14] For bananas and return to Cristobal, C. Z. [15] Scrap steel, machinery, etc. [16] Paper, potash, general. [17] Linseed and castor oils. [18] Scrap iron, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Firmore	26	27	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Washington [2]	25	28	Fr.	French Line	Havre, France	Valparaiso, Chile	General	2,676
Litiopa [1]	27	27	Nor.	Mexican Government	Tampico, Mexico	Manzanillo, Mex.	Gas oil	6,524
Sona [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirate [3]	27	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	20
Delftdijk [2]	27	28	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Portland, Oreg.	Steel, gen.	1,417
San Amado [1] [2]	28	Brit.	Eagle Oil & Ship. Co.	Antwerp, Belgium	S. Francisco, Cal.	Ballast	.....	
Iowan	28	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,756
Santore	27	28	Amer.	Ore S. S. Corp.	Newp't News, Va.	Cruz Gr'de, Chile	Ballast	.....
Cellina [2]	28	28	Ital.	Soc. Anon. Nav. Italia	Trieste, Italy	Vancouver, B. C.	General	1,073
Roda [2]	28	28	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Talcahuano, Chile	General	4,052
Lt. Col. H. C. Schumm. [4]	26	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	(14)	.....
Santa Clara	28	29	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	2,909
Nero [2]	28	29	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	87
Hoxbar [1]	29	29	Amer.	Petrol Corporation	Newp't News, Va.	Los Angeles, Cal.	Ballast	.....
Manana [5]	...	...	Pan.	D. C. Beatty	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Frank [3]	29	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Almoor	29	30	Brit.	Runciman Ship. Co.	Newcastle, Eng.	Iquique, Chile	Ballast	.....
Darlington Court [2]	29	30	Brit.	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General	2,865
Svealand [2]	30	30	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Durazzo	29	30	Ger.	Hamburg-Amer. Line.	Manaure, Col.	Guayaquil, Ecua.	Salt, gen.	1,002
L-53 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Jeff Davis [2]	30	31	Amer.	Roosevelt S. S. Line	Baltimore, Md.	Hongkong, China	Steel, gen.	1,890
Ino [2]	30	31	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	67
Quebec City	31	31	Brit.	States Marine Corp.	Baltimore, Md.	Yawata, Japan	Steel billets	8,000
Modavia [2]	31	31	Brit.	Donaldson Line	Glasgow-England	Vancouver, B. C.	General	1,079
Pacific Reliance [2]	31	31	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	381
City of Oran	31	31	Brit.	Ellerman & Bucknall.	Baltimore, Md.	Dairen, China	General	5,130
Pennsylvanian	31	31	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	4,442
Harpasa	31	31	Brit.	C. & J. Harrison	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Pierre Claude [2]	30	31	Fr.	J. Lauritzen	Hamburg, Ger.	S. Francisco, Cal.	Ballast	.....
Agios Vlasios	30	31	Greek.	John D. Chandris	Providence, R. I.	Kobe, Japan	Scrap iron	7,000
Istmo	30	31	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	425
Losmar	31	31	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,435
Sambu [2]	30	...	Pan.	Elliot Ship. & Land Co.	Turbo, Colombia.	Balboa, C. Z.	Ballast	.....
Luis [2]	31	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	20
Hindanger [2]	8-1	8-1	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Vibran [2]	1	1	Nor.	Knut Knutsen O.A.S.	Liverpool, Eng.	S. Francisco, Cal.	Ballast	.....
City of Dieppe	1	1	Brit.	Ellerman & Bucknall.	New York, N. Y.	Adelaide, Aust'lia	General	4,848
Cambridge	1	1	Brit.	Fed. Steam Nav. Co.	Liverpool, Eng.	Pt. Chalmers, N.Z.	General	5,583
Elwood [1]	1	1	Amer.	Shell Oil Co.	Sewaren, N. J.	Los Angeles, Cal.	Ballast	.....
Neches [1]	30	4	Amer.	U. S. Navy	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	.....
Smaragd	28	1	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	829
Trevalgan [2]	1	1	Brit.	Mont.-Aust.-N.Z. Line	Pt. Alfred, Can.	Melbourne, Aust.	Paper	5,652
Silverwalnut [2]	1	2	Brit.	Kerr S. S. Co.	Boston, Mass.	Hongkong, China	General	2,952
California Express [2]	2	2	Nor.	Fruit Express Line	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Nailsea Manor	2	2	Brit.	E. R. Management Co.	Birkenhead, Eng.	Vancouver, B. C.	Ballast	.....
Point Ancha	2	2	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	5,439
San Francisco [2]	1	2	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Paper, gen.	4,133
Daphnella [1] [2]	2	2	Brit.	Asiatic Pet. Co	Hebburn, Eng.	S. Francisco, Cal.	Ballast	.....
Honomu	2	3	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	(15)	3,359
Chr. Knudsen [2]	2	2	Nor.	Canadian Transp. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Maria Cristina [3]	2	2	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
L-59 [5]	2	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
L-62 [5]	2	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
L-67 [5]	2	..	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Virgilio [2]	2	3	Ital.	Italian Line	Genoa, Italy	Valparaiso, Chile.	General	588
Bridwell [1] [2]	3	3	Amer.	Pan-Amer. Pet. Co.	Chester, Pa.	Pt. S. Luis, Calif.	Ballast	.....
Tourcoing [2]	2	3	Nor.	Isbrandtsen Moller	Savannah, Ga.	Manila, P. I.	General	4,300
Trois Ilets	1	3	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	120
Baldhill [1]	3	3	Amer.	Shell Terminal Corp.	Fall River, Mass.	Los Angeles, Cal.	Ballast	.....
Real [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
La Union [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	2	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirate [3]	3	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	20
China Arrow [1]	3	4	Amer.	Socony Vac. Oil Co.	Boston, Mass.	Los Angeles, Cal.	Ballast	.....
Hollywood	3	4	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	7,047
Tropic Star [2]	3	4	Nor.	Chile Nit. Sales Corp.	Gulfport, Miss.	Chilean ports	Ballast	.....
Honolulan	4	4	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,611
Kano Maru [2]	3	4	Jap.	Kokusai Kisen Kaisha	Boston, Mass.	Moji, Japan	Scrap steel	4,732
Orbita	3	4	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Talcahuano, Chile	General	2,654
Tosan Maru [2]	3	4	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Dairen, China	(16)	6,547

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [13] For bananas and return to Cristobal., C. Z. [14] Towing barges No. 40 and No. 45. [15] General and structural steel. [16] General, iron goods.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Nordvest [2]	3	4	Dan.	Kawasaki K. Kaisha	Baltimore, Md.	Yawata, Japan	(13)	7,560
Franz Klasen [1] [2]	4	4	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	
Santa Maria [2]	4	5	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	1,978
Bogota [2]	7-28	4	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	253
Socrates [2]	3	4	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,097
San Pedro	2	5	Fr.	French Line	Antwerp, Belgium	Vancouver, B. C.	General	2,921
Lt. Col. H. C. Schumm. [4]	2	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge.	
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge.	
Rangitane [2]	4	6	Brit.	N. Z. Shipping Co.	London, England	Auckland, N. Z.	General	5,261
Cleodora [1] [2]	4	5	Neth.	Anglo-Saxon Pet. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Chickasaw City	4	5	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Hilo, T. H	(14)	1,642
W. R. Keever	4	5	Amer.	Texas & Freeport Sulphur Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	5,850
Elg [2]	4	5	Nor.	Anglo-Can. S. S. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Lebore	4	5	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
M-238 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Brynje [2]	5	6	Nor.	Canadian Transp. Co.	Botwood, Nfld.	Tacoma, Wash.	Copper ore.	6,666
Sessa	6	6	Dan.	Wessel, Duval & Co.	Chester, Pa.	Talcahuano, Chile	General.	1,470
Cape Horn [2]	5	6	Brit.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Vancouver, B. C.	General	1,512
Kunikawa Maru [2]	6	6	Jap.	Kawasaki K. Kaisha	Boston, Mass.	Kobe, Japan	(15)	8,294
Moorby [2]	6	6	Brit.	Sir R. Ropner & Co.	R. de Jan'ro, Braz.	Estaban, B. C.	Ballast	
K. I. Luckenbach	6	6	Amer.	Luckenbach Line	New York, N. Y.	Seattle, Wash.	General	3,499
Imperial Valley	5	6	Brit.	Reardon-Smith Line.	Pern'buco, Brazil	Los Angeles, Cal.	Ballast	
Wildwood	6	6	Amer.	Amer.-For. S. S. Corp.	New York, N. Y.	Olympia, Wash.	Ballast	
Port Hunter	6	6	Brit.	Port Line	London, England	Lyttleton, N. Z.	General	5,091
Karnak	5	6	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	2,702
Nero [2]	3	6	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	54
Mexican	6	6	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	4,763
Clio [2]	5	6	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	87
Helen Whittier	6	6	Amer.	Bulk Carriers Corp.	Philadelphia, Pa	Seattle, Wash.	Steel, gen.	4,640
Eurymedon [2]	6	7	Brit.	Ocean S. S. Co.	New York, N. Y.	Far East	General	1,570
Istmo	6	7	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	540
Marconi [2]	7	...	Pan.	D. Camcodonico	Colon, R. P.	Balboa, C. Z.	Ballast	
Yamazato Maru [2]	6	7	Jap.	Yamashita Ship. Co.	Buenos Aires, Arg.	Kobe, Japan	General	5,581
Walter A. Luckenbach.	6	7	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	5,319
Tai Ping Yang [2]	7	7	Nor.	Barber Line	New York, N. Y.	Moji, Japn.	General	4,709
San Cirilo [1] [2]	7	7	Brit.	Eagle Oil & Ship. Co.	Falmouth, Eng.	El Segundo, Calif.	Ballast	
Lara	5	7	Amer.	Grace Line	New York, N. Y.	Talcahuano, Chile	General	2,345
Washington Express. [2]	7	7	Nor.	Fruit Express Line	London, England	Los Angeles, Cal.	Ballast	
Davilla [1] [2]	7	7	Brit.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Margrethe Bakke [2]	7	7	Nor.	Knutsen Line	Goth'burg, Swed.	Vancouver, B. C.	Ballast	
Talisse [2]	7	7	Neth.	Pac.-Java-Bengal Line	New Orleans, La.	Vancouver, B. C.	Ballast	
Bolton Castle	7	8	Brit.	Chile Nit. Sales Corp.	Alexandria Egypt	Valparaiso, Chile.	(16)	3,500
City of Pittsburg.	7	8	Brit.	Mont.-Aust.-N.Z. Line	Sydney, N. S.	Auckland, N. Z.	General	9,579
Pennsylvania Sun. [1] [2]	7	8	Amer.	Sun Oil Co	Marcus Hook, Pa.	El Segundo, Calif.	Ballast	
Luis [2]	7	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]		20
W. H. Berg [1]	8	8	Amer.	Standard Oil of Calif.	England	Los Angeles, Cal.	Ballast	
Torvanger	8	8	Nor.	Westfal, Larsen & Co.	Baltimore, Md.	Tocopilla, Chile.	Ballast	
Chateau Thierry [3]	7	...	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	1,171
Santos Maru. [2]	8	9	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Yokohama, Japan	Cotton, bones	4,373
Seattle [2]	7	8	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	6,629
Real [2]	7	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	42
Salvador	2	9	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	675
Willmoto [2]	9	9	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	4,398
Hegira	8	9	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Seattle, Wash.	(18)	5,266
Heranger [2]	8	9	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Mauna Kea	9	9	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	S. Francisco, Cal.	Steel, gen.	3,375
Abraham Lincoln [2]	9	9	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	1,058
Sanyo Maru [2]	9	9	Jap.	Osaka Shosen Kaisha	Buenos Aires, Arg.	Kobe, Japan	Cotton, gen.	5,617
El Oso [1]	8	9	Brit.	C. T. Bowring & Co.	Birkenh'd, Eng.	Cabo Bl'co, Peru.	Ballast	
Edgar F. Luckenbach.	9	9	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	8,250
City of Winchester	9	9	Brit.	Amer.-Australian Line	Paulsboro, N. J.	Sydney, Aust'lia.	General	4,580
Chilore	7	9	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Erria [2]	9	9	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	259
Dessau	9	9	Ger.	North German Lloyd	New Orleans, La.	Auckland, N. Z.	Gen., sulph.	7,518
Marore	9	9	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Alabama	9	10	Fr.	French Line	Havre, France	Corral, Chile	General	1,049
Mallard [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Maria Cristina [3]	9	9	Pan.	A. Tagaropulos	Colon, R. P.	Real, R. P.	General	3
Poliarny [19]	8	10	Russ.	U. S. S. Russia	Lening'd, U.S.S.R	Vlad'ok, U.S.S.R.	Ballast	
Partisan [19]	8	10	Russ.	U. S. S. Russia	Lening'd, U.S.S.R	Vlad'ok, U.S.S.R.	Ballast	
Exchange [6]	30	...	Amer.	Kathryn Huebotter	Biloxi, Miss.	Los Angeles, Cal.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [10] Mine sweeper. [13] Steel and scrap iron. [14] General and steel products. [15] Lubricating oil, cotton, scrap iron. [16] Cotton seed and olive oils. [17] For bananas and return to Cristobal, C. Z. [18] General, oil, steel, etc. [19] Survey ship.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Trevorian	10	10	Brit.	Hain S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
American	10	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,015
Beaulieu [1] [2]	10	11	Nor.	Standard Oil of N. J.	Aruba, N. W. I.	Corinto, Nic.	Fuel oil	7,721
Minerva [2]	10	10	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	.....
Sambu [2]	9	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	9	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	9	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Luis [2]	9	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	20
Pirate [3]	10	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	20

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Isthmian	10	11	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Baltimore, Md.	Lumber, gen.	7,670
Lt. Col. H. C. Schumm.[4]	11	12	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Aras [6]	7	12	Amer.	H. J. Chisholm	Los Angeles, Cal.	New York, N. Y.	Ballast	.....
President De Vogue,[1] [2]	10	11	Nor.	Cie. des Prod. Chimiques et Raff.	Talara, Peru	Port de Bouc, France.	Crude oil	13,686
Montgomery City	10	11	Amer.	Isthmian S. S. Lines	Kahului, T. H.	Baltimore, Md.	Sugar, gen.	8,243
Port Montreal [2]	11	11	Brit.	Mont.-Aust.-N.Z.Line	Auckland, N. Z.	Montreal, Canada	General	1,400
Marore	12	12	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,500
Minnesotan	12	12	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,674
Thorstrand [2]	12	12	Nor.	Fred Olsen Line	Los Angeles, Cal.	Liverpool, Eng.	Citrus fruit	1,750
Fortuna [2]	12	...	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Colon, R. P.	Bananas	75
Aconcagua [2]	12	12	Chil.	Cia. Sud. Amer. de Vap.	Valparaiso, Chile	Hamburg, Ger.	General	3,865
Santa Clara	12	13	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	Coffee, gen.	5,570
Real [2]	12	13	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
Sambu [2]	12	...	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	57
Brilliant [1] [2]	12	13	Amer.	Socony-Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	13,309
Mobiloil [1]	13	13	Amer.	Socony-Vac. Oil Co.	Los Angeles, Cal.	New York, N. Y.	Gasoline	14,640
Dinteldijk [2]	13	14	Neth.	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	Wheat, gen.	10,290
Rasma	13	13	Latv.	Chile Nit. Sales Corp.	Antofag'sta, Chile	Azores [14]	Nit. of soda	4,870
Patricia [2]	13	14	Ger.	Hamburg-Amer. Line.	San Jose de Guat.	Hamburg, Ger.	General	723
Porta	13	13	Ger.	North German Lloyd	Magallanes, Chile	Hamburg, Ger.	General	5,106
Nuevo Panama [2]	13	15	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	220
Clio [2]	13	14	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides.	325
Pereira	13	18	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	1,062
Alabaman	13	14	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Gen., lumber	7,167
Ensley City	13	14	Amer.	Isthmian S. S. Lines	Hilo, T. H.	Baltimore, Md.	(15)	8,670
Vermont	14	14	Amer.	Calif.-Eastern Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,350
Edward Luckenbach.	14	14	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,510
Svealand [2]	14	14	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Moldanger [2]	14	14	Nor.	Interocean Line	Seattle, Wash.	Havre, France	Grain, gen.	7,870
Hermonthis [2]	14	15	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	5,876
Anubis [2]	14	15	Ger.	Hamburg-Amer. Line.	Hongkong, China	New Orleans, La.	General	5,756
Knoxville City	14	15	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Avonmouth, Eng.	(16)	8,169
Buenos Aires [2]	15	16	Swed.	Johnson Line	Portland, Oreg.	Stockholm, Swed.	(17)	8,011
Durazzo	15	17	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	741
Nero [2]	15	16	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, gen.	194
Terukawa Maru [2]	15	15	Japan.	Kawasaki K. Kaisha	Dairen, China	New Orleans, La.	Onions, gen.	2,325
Yorkmar	15	15	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Baltimore, Md.	Lum., copper	7,360
Hokkai Maru [2]	15	16	Jap.	Osaka Shosen Kaisha	Dairen, China	New York, N. Y.	General	2,151
Frank [2]	15	16	Pan.	E. J. Hooper	Aguadulce, R. P.	Gatun, C. Z.	Cows	30
Bonzo [5]	15	...	Pan.	Mrs. Castora Garcia	Panama, R. P.	Colon, R. P.	Ballast	.....
Amerika [2]	15	16	Dan.	East Asiatic Co.	Seattle, Wash.	Copenhagen, Den.	General	8,765
Porto Bello [2]	16	...	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(18)	9
Point Palmas	16	16	Amer.	Swayne & Hoyt	Bellingham, Wash	Tampa, Fla.	Lumber, gen.	5,415
Istmo	16	17	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	723
Vancouver	16	17	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	8,715
Otina [1] [2]	16	17	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	(19)	8,551
Helder	17	17	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	5,155
Loreto [2]	17	17	Brit.	Pacific Steam Nav. Co.	Talcahuano, Chile	Liverpool, Eng.	Nitrates, gen	8,261
Leipzig [2]	17	18	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,550
Elisabeth Bakke [2]	17	17	Nor.	Knut Knutsen, O.A.S.	Vancouver, B. C.	Belfast, Ireland	Lumber, gen.	6,225
Tekoa	17	17	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	Glasgow, Scotland	Frozen, gen.	6,672
Pericles [1] [2]	17	17	Nor.	Kawasaki K. Kaisha	Cabo Bl'co, Peru.	Antwerp, Belgium	Petroleum	12,261
Ammon	17	18	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	8,062
Lebore	18	18	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Chelsea	17	18	Brit.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores.[14]	Nit. of soda	7,800
Oropesa	18	19	Brit.	Pacific Steam Nav. Co.	San Antonio, Chile	Liverpool, Eng.	General	5,075
Primero [2]	17	18	Nor.	Seaboard Ship. Co.	Victoria, B. C.	Boston, Mass.	Lumber	7,886
Tropic Star [2]	18	18	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrates	8,280
Montanan	18	18	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,108
Hagan [1]	18	18	Amer.	Shell Oil Co.	S. Francisco, Cal.	Curacao, N. W. I.	Kerosene dis.	9,270

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [13] For bananas and return to Cristobal, C. Z. [14] For orders. [15] Sugar, canned pines. [16] Lumber, canned goods. [17] Lumber, grain, general. [18] Plantains, lumber. [19] Gasoline, kerosene.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Ino [2]	18	19	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	554
Elbe [2]	18	19	Ger.	North German Lloyd	Vancouver, B. C.	Bremen, Germany	General	7,292
Bramora [1] [2]	18	18	Nor.	Stevenson & Hardy	S. Francisco, Cal.	Hamburg, Ger.	Gasoline	8,793
Texas Sun [1] [2]	18	19	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	14,939
Santa Barbara [2]	19	19	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	5,184
San Rafael	19	19	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,776
Gretavale	19	19	Brit.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [17]	Nitrates	7,345
Acajutla	19	26	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	538
Pacific Ranger [2]	19	19	Brit.	Furness, Withy & Co.	Victoria, B. C.	Manchester, Eng.	Lumber, gen.	7,757
Lt. Col. H. C. Schumm. [4]	19	21	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Frank [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Pirre [2]	19	20	Pan.	J. Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	40
Sambu [2]	19	20	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
La Union [2]	19	20	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	16
Baldbutte [1]	20	20	Amer.	Shell Oil Co.	Los Angeles, Cal.	Baltimore, Md.	Gasoline	8,602
Carolinian	20	20	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	6,885
Gaeta	20	20	Ital.	Nivose S. Anon. di Nav.	Vancouver, B. C.	London, England	Lumber, gen.	7,735
Chilore	21	21	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Laurits Swenson [2]	20	22	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	7,684
Moveria [2]	20	21	Brit.	Donaldson Line	Victoria, B. C.	Glasgow, Scotland	General	4,981
Julia Luckenbach	21	21	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	([18])	7,634
Steel Mariner	21	21	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	Sugar, gen.	8,400
Columbian	21	21	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	6,091
Olympia Maru [2]	21	21	Jap.	Mitubisi Trading Co.	Rasin, Japan	Karlshamn, Swed.	Soy beans	8,560
Bediun [1] [2]	21	21	Nor.	Anderson Ship. Co.	Los Angeles, Cal.	Lands End, Eng. [17]	Gasoline	11,485
Cerigo	21	25	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,065
Asturias	21	22	Nor.	Fearnley & Eger	Tumaco, Colom.	Bahia Honda, Col.	Ballast	.....
American Oriole	21	21	Amer.	Puget Sound Mills	Portland, Oreg.	New York, N. Y.	Lumber	7,098
Harpoon	21	22	Amer.	Shepard S. S. Co.	Puget Sound	Baltimore, Md.	Lumber, gen.	8,838
Hi Wini [13]	21	...	Amer.	Milton Dunn	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Mantilla [1]	20	22	Nor.	United Fruit Co.	Balboa, C. Z.	Curacao, N. W. I.	Ballast	.....
Nero [2]	22	23	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides.	326
Amicus	21	22	Brit.	Chile Nit. Sales Corp.	Tocopilla Chile	Azores [17]	Nitrates	6,072
Yamabiko Maru	22	23	Jap.	Yamashita S. S. Co.	Kobe, Japan	Buenos Aires, Arg.	Oil, gen.	2,260
Absaroka	22	22	Amer.	McCormick S. S. Co.	Pt. T'ns'd, Wash.	Philadelphia, Pa.	Lumber, gen.	7,646
Junin [14]	20	22	Colom.	Colombian Governm't	B'ventura, Col.	Cartagena, Col.	.....	.....
Asakasan Maru [2]	22	22	Jap.	Mitsui & Co.	Yokohama, Japan	New York, N. Y.	General	7,014
Winslow [5]	22	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Toulouse	22	23	Nor.	Barber-Wilhelmsen	Dahikan, P. I.	Boston, Mass.	General	4,253
Nuevo Panama [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	81
Istmo	23	24	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	732
Clio [2]	23	24	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	([19])	93
El Aleto [1] [2]	22	23	Brit.	C. T. Bowring & Co.	Cabo Bl'eo, Peru.	Elles're Pt., Eng.	Crude oil	10,442
Marna	23	23	Dan.	West Coast Line	San Antonio, Chile	New York, N. Y.	General	2,680
Lena Luckenbach	23	23	Amer.	Luckenbach-Gulf Line	Portland, Oreg.	Mobile, Ala.	General	2,876
Orazio [2]	23	24	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	3,452
Surrey	23	23	Brit.	N. Z. Shipping Co.	Napier, N. Z.	Glasgow, Scotland	Frozen, gen.	5,321
Madoera [2]	23	24	Neth.	Pac.-Java-Bengal Line	Vancouver, B. C.	Calcutta, India	Lumber, gen.	5,735
Steelore	24	24	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Minerva [2]	23	24	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Wilmington, N.C.	Nit. of soda	9,390
Cucuta [15]	20	25	Colom.	Colombian Govt.	B'ventura, Col.	Cartagena, Col.	.....	.....
Elias G. Kulukundis.	23	24	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [17]	Nitrates	9,612
Ulm	23	24	Ger.	North German Lloyd.	Los Angeles, Cal.	Hook of Holland	Fruits	1,635
San Cipriano [1] [2]	23	24	Brit.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	United Kingdom	Gasoline	11,408
Daleross	24	24	Brit.	British Phosphate Co.	Nauru Island	Leith, Scotland	Phosphates	7,850
Kongo Maru [2]	24	25	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	9,055
Lancaster Castle	24	24	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [17]	Nitrates	8,632
Tasis	24	24	Greek.	Vergo His, Ltd.	Vancouver, B. C.	Hull, England	Grain, lumb.	6,900
Marian Otis Chandler.	24	24	Amer.	Matson Nav. Co.	Hawaiian Is.	New Orleans, La.	Raw sugar	7,208
Oregon Express [2]	24	25	Nor.	Fruit Express Line	Los Angeles, Cal.	Glasgow, Scotland	Fruit, gen.	1,500
Trois Ilets	24	25	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, wax.	338
Maria Cristina [2]	23	24	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([20])	7
Grover Jr. [16]	24	..	Amer.	G. Gravatt	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Locke [15]	24	..	Amer.	J. H. Poole	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
San Ambrosio [1] [2]	25	25	Brit.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	Lands End, Eng. [17]	Gasoline	10,597
Texan	25	25	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,500
Wyoming	25	25	Fr.	French Line	Seattle, Wash.	Rotterdam, Neth.	General	7,960
Santa Rita [2]	25	25	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	General	3,744
American Reefer [2]	25	25	Dan.	J. Lauritzen	Los Angeles, Cal.	Glasgow, Scotland	Fresh fruit	2,043
King City	25	26	Brit.	Mitsui, London	Rushin, Korea	Hamburg, Ger.	Soy beans	8,250
Hanley	25	25	Amer.	Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Newark, N. J.	Lumber, gen.	9,385
G. C. Brovig [1] [2]	25	25	Nor.	Kawasaki K. Kaisha	Yokohama, Japan	Tampico, Mexico	Ballast	.....
Henry D. Whiton	25	25	Amer.	Dutton Lumber Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	5,445
Golden Cloud	25	26	Amer.	Matson Nav. Co.	Port Allen, T. H.	Baltimore, Md.	([21])	7,328

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [13] Sailboat. [14] Gunboat. [15] Training ship. [16] Motor boat. [17] For orders. [18] Canned fruit, general. [19] Balsa, cacao, hides. [20] Plantains, lumber. [21] Sugar, canned pines.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Lieut. Col. H. C. Schumm.[4]	26	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Bennekom	25	26	Neth..	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,059
Stensby [2]	25	26	Dan..	Canadian Transp. Co.	Vancouver, B. C.	Sharpness,	Lumber, gen.	5,950
Canadian Reefer [2]	25	26	Dan..	J. Lauritzen	Los Angeles, Cal.	Liverpool, Eng.	Citrus fruit..	1,694
Damsterdijk [2]	26	27	Neth..	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	General	10,433
Texmar	25	26	Amer..	Calmar Line	Longview, Wash.	Norfolk, Va.	Lumber	6,326
Remuera	26	26	Brit..	N. Z. Shipping Co.	Lyttleton, N. Z.	London, England	Frozen, gen..	4,845
P-10 [5]	26	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
P-14 [5]	26	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Sona [2]	26	27	Pan..	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Frank [2]	26	26	Pan..	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	17
Sambu [2]	26	27	Pan..	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Tuira [2]	26	27	Pan..	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
Pop Eye [13]	26	...	Amer..	J. E. Boxendale	Balboa, C. Z.	P. Miguel, C. Z.	Ballast	.....
Henderson	26	29	Amer..	U. S. Navy	S. Francisco, Cal.	Norfolk, Va.	Navy stores.	530
Georgian	27	27	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,500
Amerikaland [2]	27	28	Swed..	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,250
Smaragd	27	1	Nor..	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	752
Bogota [2]	28	...	Ger..	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,220
Nero [2]	28	29	Neth..	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides.	404
Harry Luckenbach.	28	28	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,300
British Monarch..	28	29	Brit..	Canadian Transp. Co.	Pt. Alberni, B. C.	Garston, England	Ties, pulp..	7,605
Reina del Pacifico [2]	29	29	Brit..	Pacific Steam Nav. Co.	San Antonio, Chile	Liverpool, Eng.	General	4,154
Tuscaloosa City..	29	29	Amer..	Isthmian S. S. Co.	Port Allen, T. H.	Baltimore, Md.	General	8,584
Kronprinsessan Margareta.[2]	27	29	Swed..	Johnson Line	Valparaiso, Chile.	Stockholm, Swed.	General	6,259
Neches [1]	30	1	Amer..	U. S. Navy	San Diego, Calif..	Cristobal, C. Z.	(14)	5,105
Athelking [1] [2]	29	30	Brit..	Shell Oil Co	El Segundo, Cal..	Curacao, N. W. I.	Diesel oil	14,366
D. G. Scofield [1]	29	30	Amer..	Standard Oil of Calif..	S. Francisco, Cal.	Baltimore, Md.	Asphalt	10,726
Point Caleta	30	30	Amer..	Swayne & Hoyt	Portland, Oreg.	Panama City, Fla.	Lumber, gen.	5,700
Istmo	30	31	Pan..	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	732
Ino [2]	30	31	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen..	216
Maria Cristina [2]	30	30	Pan..	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Plantains	8
Kaikoura [2]	30	8–1	Brit..	N. Z. Shipping Co.	Adelaide, Aust'lia	Montreal, Canada	General	4,928
Kyusyu Maru [2]	30	1	Jap..	Osaka Shosen Kaisha.	Santo Nino, P. I.	Baltimore, Md.	Oil, gen.	2,706
Naruto Maru [2]	30	31	Jap..	Nippon Yusen Kaisha	Manila, P. I.	Baltimore, Md.	General	4,597
Eli [2]	30	31	Nor..	Anglo-Can. S. S. Co.	Vancouver, B. C.	United K'gd'm [15]	Wheat	7,255
Vito [2]	31	1	Nor..	Kawasaki K. Kaisha.	Iloilo, P. I.	Houston, Tex.	Sugar, gen..	6,537
Risanger	31	31	Nor..	States Marine Corp.	Manila, P. I.	New Orleans, La.	Sugar	7,670
Nebraskan	31	31	Amer..	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	5,639
Astoria [2]	31	31	Dan..	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Antwerp, Belgium	Lumber, gen	7,747
City of Rayville [2]	31	1	Amer..	Roosevelt S. S. Co.	Kongkong, China	New York, N. Y.	Gen., sugar..	3,805
Fernclift [2]	8–1	1	Nor..	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nit. of soda.	7,745
John Bakke [2]	1	1	Nor..	Den Skand Syd-Pac. L.	Valparaiso, Chile.	Norkoping,	General	7,221
Trois Ilets	1	3	Fr..	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	319
Nurnberg [2]	1	2	Ger..	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,995
Mirrabooka [2]	1	1	Swed..	Transatlantic S. S. Co.	Pt. Adelaide, Aust.	Leith, Scotland.	(16)	8,302
Tatekawa Maru [1] [2]	1	1	Jap..	Kawasaki K. Kaisha..	Yokohama, Japan	Pto. Mexico, Mex.	Ballast	.....
San Marcos	1	2	Amer..	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,426
Lt. Col. H. C. Schumm.[4]	2	4	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Salvador	1	9	Brit..	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen..	573
Itukusima Maru [1] [2]	2	2	Jap..	Nippon Yusen Kaisha	Kobe, Japan	Corpus Ch'ti, Tex.	Ballast	.....
Pacific Grove [2]	2	2	Brit..	Furness, Withy & Co.	Victoria, B. C.	Manchester, Eng.	General	9,116
Santa Lucia	2	3	Amer..	Grace Line	San Antonio, Chile	New York, N. Y.	General	5,962
Sambu [2]	2	3	Pan..	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Bananas	35
Real [2]	2	3	Pan..	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Frank [2]	2	2	Pan..	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Sona [2]	2	3	Pan..	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
La Union [2]	2	3	Pan..	A. A. Valdes	Darien, R. P.	Colon, R. P.	Bananas	18
Tuira [2]	2	3	Pan..	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	52
Charles Pratt [1]	2	3	Amer..	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	15,267
Redgate	2	3	Brit..	Seaboard Shipping Co.	N. Westm'er, B. C.	London, England	Lumber	6,250
Nero [2]	3	6	Neth..	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides	504
Cathwood [1]	3	3	Amer..	Union Oil of Calif.	Los Angeles, Cal.	Savannah, Ga.	Crude oil	9,028
Calmar	3	3	Amer..	Calmar Line	Olympia, Wash..	Baltimore, Md.	Lumber	5,476
Awata Maru [2]	3	3	Jap..	Nippon Yusen Kaisha	Yokohama, Japan	Hamburg, Ger.	General	7,456
Q-2 [5]	3	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Winslow [5]	3	...	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Snestad [2]	3	4	Nor..	Fern Line	Manila, P. I.	Philadelphia, Pa.	(17)	6,815
Parthenia	3	4	Brit..	Donaldson Line	Vancouver, B. C.	Glasgow, Scotland	General	5,256
Winkleigh	3	5	Brit..	Seaboard Shipping Co.	Pt. Alberni, B. C.	London, England	Wheat, lum.	7,780
Susan V. Luckenbach.	4	4	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,107
Quito [2]	4	6	Ger..	North German Lloyd.	Callao, Peru	Cristobal, C. Z.	Coffee, gen..	824
Falcon	4	4	Amer..	Grace Line	Callao, Peru	Baltimore, Md.	Ore, skins	3,798
West Notus	4	4	Amer..	McCormick S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	6,940
Washingtonian	3	4	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	6,520

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [13] Motor boat. [14] Gasoline, Diesel oil. [15] For orders. [16] Grain, wool, ore. [17] Sugar, chrome ore, rope.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
W. S. Rheem [1]	4	5	Amer.	Standard Oil of Calif.	Estero Bay, Calif.	Dunkirk, France.	Crude oil	13,826
Christian Holm [1 2]	4	4	Dan.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	13,467
Anna Maersk [2]	4	6	Dan.	A. P. Moller	Bugo, P. I.	New York, N. Y.	General	6,762
Floridian	4	5	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,000
Australian Reefer [2]	5	5	Dan.	J. Lauritzen	Los Angeles, Cal.	Liverpool, Eng.	Fruit	2,180
Houston [12]	4	5	Amer.	U. S. Navy	S. Francisco, Cal.	E. coast, U. S. A.	.....	.....
McDougal [9]	4	5	Amer.	U. S. Navy	San Diego, Calif.	Pensacola, Fla.	.....	.....
Istmo	5	7	Pan.	Elliot Ship. & Land Co.	B'ventura, Cal.	Cristobal, C. Z.	Coffee	732
Ousebridge	5	5	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Antwerp, Belgium	(13)	7,348
Mostun [2]	5	5	Nor.	Neptune Shipping Co.	Los Angeles, Cal.	Liverpool, Eng.	Oranges	1,730
Clio [2]	5	6	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	549
Ramon de Larrinaga.	5	6	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	General	8,391
Barbara [5]	5	...	Amer.	Lester Largent	Balboa, C. Z.	Gatun Lake, C.Z.	Ballast	.....
Helkat [5]	5	...	Amer.	J. F. Hatchett	Miraflores, C. Z.	Gatun Lake, C.Z.	Ballast	.....
Sappho [5]	5	...	Amer.	Al. Meigs	Miraflores, C. Z.	Gatun Lake, C.Z.	Ballast	.....
Boxhill	5	6	Brit.	Counties Ship Management Co.	Pt. Alberni, B. C.	London, England	Grain, lum.	7,835
Jaeob Luckenbach	6	6	Amer.	Luckenbach Line	Portland, Oreg.	Tampa, Fla	General	3,299
Cumberland	6	6	Brit.	Fed. Steam Nav. Co.	Auckland, N. Z.	London, England	Frozen, gen.	5,418
Harperley	6	6	Brit.	Anglo-Can. S. S. Co.	MeB'deBay, B.C.	London, England	Lumber, gen.	6,468
Dallas No. 199 [9]	6	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Titanian	6	6	Nor.	N. Negroes Sugar Co.	Iloilo, P. I.	New York, N. Y.	Sugar	7,850
Royal Scepter	6	6	Brit.	Seaboard Shipping Co.	Vancouver, B. C.	Liverpool, Eng.	Lum., barley	7,679
Nyhorn [2]	6	6	Nor.	Knutsen Line	Victoria, B. C.	Belfast, Ireland	(14)	6,593
Maria Cristina [2]	6	9	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	8
Real [2]	6	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	18
Barneveld	6	7	Neth.	Royal Neth. S. S. Co.	Valparaiso, Chile.	Hamburg, Ger.	General	6,740
Birmingham City.	6	7	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	(16)	7,103
Balboa [2]	7	8	Swed.	Johnson Line	S. Francisco, Cal.	Stockholm, Swed.	General	8,191
Pomona	7	7	Amer.	Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Norfolk, Va.	(16)	10,570
Marija Petrinovic	7	7	J. Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [17]	Nitrates	8,217
Jane Christenson.	7	7	Amer.	Arrow Line	S. Bend, Wash.	Baltimore, Md.	Lumber	6,124
Bethore	7	8	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Oregon [2]	7	8	Fr.	French Line	Valparaiso, Chile.	Liverpool, Eng.	General	9,227
Anglo-Indian	8	8	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Portsmouth, Eng.	Lumber	7,206
Akaora	7	8	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, Eng.	Frozen, gen.	5,996
Arkansan	8	9	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,695
Matros [2]	9	9	Pan.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Jacksonville, Fla.	Nitrates	6,527
Pereira	9	...	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	989
Alphard [2]	9	9	Neth.	Anglo-Canadian Co.	Pt. Alberni, B. C.	London, England	(18)	8,923
West Cactus	7	...	Amer.	McCormick S. S. Co.	Vancouver, B. C.	Buenos Aires, Arg.	General	4,407
Andino [1]	7–24	9	Brit.	Lago Shipping Co.	Balboa, C. Z.	Aruba, N. W. I.	Ballast	.....
Lt. Col. H. C. Schumm. [4]	9	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Winslow [5]	9	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Sona [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Sambu [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Tuira [2]	9	10	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	47
Rokos	9	10	Greek	Seaboard Ship. Co.	Englewood, B. C.	Manchester, Eng.	Lumber	6,621
Kimikawa Maru [2]	10	10	Jap.	Kawasaki K. Kaisha	Dairen, China	New York, N. Y.	Silk, general.	2,564
Chateau Thierry [8]	8	...	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	150
Sysla [1 2]	10	10	Nor.	E. A. Gibson & Co.	Los Angeles, Cal.	Thamesh'n, Eng.	Gasoline	9,169
Trojan Star	9	10	Brit.	Blue Star Line	Auckland, N. Z.	London, England	Frozen, gen.	6,584
Tokai Maru [2]	10	...	Jap.	Osaka Shosen Kaisha	Darien, R. P.	Hamburg, Ger.	General	5,110
Dakotan	10	10	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Boston, Mass.	General	6,926

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [8] Transport. [9] Destroyer. [12] Cruiser. [13] Lumber, zinc concentrates. [14] Lumber, wheat, general. [15] Plantains, lumber. [16] Lumber, pulp, general. [17] For orders. [18] Lumber, wheat, zinc, general.

Visit of President Roosevelt

President Franklin Delano Roosevelt made his third visit to the Canal Zone on August 4 and 5 while Chief Executive. He arrived Thursday afternoon, August 4, on the U. S. S. *Houston*, with the destroyer *McDougal* as convoy. During the afternoon he entertained Governor and Mrs. C. S. Ridley, President and Mrs. Juan D. Arosemena and a group of invited guests at tea aboard the *Houston*. Later he received a representative group of 50 oldtime employees of the Canal. President Roosevelt and his party disembarked at 10:30 o'clock Friday morning for a ride west of the Canal, returning via Pedro Miguel Locks and Fort Clayton and Corozal. He was accompanied by Governor Ridley and President Arosemena. Following a luncheon at the Governor's home Friday, the party boarded a special train at 2:30 p. m. Friday at Balboa for Cristobal. A tour of inspection was made of the principal points of interest on the Atlantic side and practically all of the military posts and naval bases located there. The President and his party boarded the *Houston* at Gatun Locks about 5:30 p. m. and the cruiser and convoy ship cleared the locks immediately after, sailing for Pensacola, Florida

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Traffic Through the Panama Canal in August 1938

The total vessels of all kinds transiting the Panama Canal during the month of August 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	August 1936	August 1937	August 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	473	505	248	220	468
Local commercial vessels [1]	57	70	46	38	84
Noncommercial vessels:					
United States Government	32	34	29	21	50
Colombian Government	2	1	.....	.....	.....
State of New York	1	.....	.....	.....	.....
For repairs	1	1	.....	1	1
Total	566	611	323	280	603

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve months ended August 31, 1938, as compared with the twelve months ended August 31, 1937:

Month	No. of vessels		[3] Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
September	466	444	2,428,317	2,312,725	2,526,366	2,385,142	$2,045,440.82	$1,935,673.78
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	2,081,758.23	1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	[4] 2,511,674	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	[4] 2,438,985	2,652,880	2,279,235	2,067,026.68	1,961,456.58
May	544	465	2,839,427	[4] 2,322,642	2,950,925	2,309,171	2,376,706.36	1,886,825.66
June	472	445	2,450,018	[4] 2,227,698	2,670,466	2,122,389	2,070,337.89	1,801,291.78
July	457	429	2,395,306	[5] 2,091,000	2,476,366	2,025,660	2,029,642.45	1,694,205.00
August	505	468	2,597,119	[5] 2,354,000	2,780,603	2,171,674	2,195,308.87	1,890,050.74
Total	5,420	5,459	27,721,202	27,510,684	28,518,689	26,326,289	23,276,442.98	22,529,193.12

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[3] These figures indicate the Panama Canal net tonnage as determined under the rules of measurement in effect prior to March 1, 1938.

[4] The Panama Canal net tonnage for these four months as determined under the rules now in effect was as follows: March 1938, 2,311,526; April 1938, 2,258,836; May 1938, 2,150,228; June 1938, 2,064,793.

[5] Estimated tonnage under the former rules, based on total Panama Canal net tons as now measured, July 1938, 1,983,816; August 1938, 2,177,699.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of August 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	[6] Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	46	1,979	$1,610.82	571
Pacific to Atlantic	38	1,695	1,510.02	1,990
Total	84	3,674	3,120.84	2,561

[6] As measured under the present Panama Canal rules.

Traffic by Nationality of Vessels[7] for August 1938

	No. of transits	[8] Panama Canal net tonnage	Tolls	Tons of cargo
British	109	581,181	$500,377.14	478,387
Chilean	1	5,011	4,509.90	5,236
Danish	17	68,586	59,531.58	54,026
French	8	35,578	32,020.20	31,309
German	27	107,468	96,721.20	119,602
Greek	5	23,339	19,198.80	21,015
Honduran	1	1,616	1,163.52	.....
Italian	3	19,428	17,485.20	11,620
Japanese	32	187,949	166,713.30	205,382
Netherland	25	56,797	47,650.86	42,141
Norwegian	60	253,954	212,887.44	239,053
Panamanian	15	33,076	27,014.22	32,454
Peruvian	1	1,526	1,373.40	1,094
Soviet	[9] 2	.....	1,600.00	.....
Swedish	14	66,905	57,278.88	96,951
United States	145	722,910	633,387.60	809,977
Yugoslav	3	12,375	11,137.50	23,427
Total	468	2,177,699	1,890,050.74	2,171,674

[7] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[8] As measured under the present Panama Canal rules.
[9] Two survey ships of 3,200 displacement tons.

Traffic by Trade Routes for August 1938

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated; hence, in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[10] Panama Canal net tonnage	Tons of cargo	No. of ships	[10] Panama Canal net tonnage	Tons of cargo
United States intercoastal	57	286,949	191,015	44	220,690	349,085
East coast United States and:						
Canada	5	24,970	2,719	2	8,692	10,597
Central America and Mexico	2	3,197	2,986	.....	.....	.....
South America	20	80,031	15,881	18	69,525	169,679
Hawaiian Islands	4	17,550	3,341	6	28,538	49,825
Australasia	6	33,788	31,365	1	4,535	5,342
Philippine Islands	10	55,752	46,672	13	72,673	93,969
Far East	15	86,255	107,226	2	13,132	2,564
Asia	.....	.....	.....	1	1,802	535
Canada intercoastal	1	4,853	4,350	1	4,862	6,900
East coast Canada and:						
United States	1	3,201	6,666	1	2,560	4,880
South America	.....	.....	.....	2	14,643	28,734
Australasia	6	31,187	35,360	1	5,476	2,196
Central America and Mexico intercoastal	.....	.....	.....	1	3,643	.....
East coast Central America/Mexico and Far East	1	6,711	11,080	2	13,867	.....
South America intercoastal	4	9,187	14,105	1	1,526	1,094
East coast South America and:						
United States	2	9,193	2,817	.....	.....	.....
Canada	2	9,384	3,091	1	4,559	4,407
Philippine Islands	.....	.....	.....	1	5,331	6,794
Far East	3	16,088	15,571	.....	.....	.....
Cristobal and:						
Central America and Mexico	5	3,256	3,609	5	3,231	3,576
South America	13	6,651	2,944	16	9,569	10,016
West Indies and:						
United States	2	10,889	.....	7	43,232	84,883
Central America and Mexico	1	4,272	8,906	.....	.....	.....
South America	.....	.....	.....	1	7,234	14,952
Europe and:						
United States	21	91,827	3,093	13	60,272	90,544
Canada	32	169,474	38,202	34	172,193	251,282
Central America and Mexico	1	1,778	.....	1	3,238	6,457
South America	22	114,038	40,192	23	116,521	185,057
Australasia	9	68,240	44,468	14	91,285	91,501
Far East	.....	.....	.....	7	35,702	52,882
Egypt and South America	1	4,877	3,500	.....	.....	.....
Around the world	.....	.....	.....	1	5,570	4,764
Vessels not engaged in commerce	[11] 2	.....	.....	.....	.....	.....
Total	248	1,153,598	639,159	220	1,024,101	1,532,515

[10] As measured under the present Panama Canal rules.
[11] Survey ships.

Origin and Destination of Cargo by Major Areas

The following table summarizes the origin of cargo passing through the Canal in August 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	193,699	6,686	151,258	13,477	29,193	394,313
Other North America	10,306	19,841	11,382	22,911	37,610	102,050
Europe	25,394	9,985	.....	36,333	43,522	115,234
Miscellaneous	7,516	86	15,592	3,500	868	27,562
Total	236,915	36,598	178,232	76,221	111,193	639,159

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	347,346	96,785	185,189	3,796	633,116
Canada	10,597	8,823	154,484	1,884	175,788
Other North America	49,825	4,409	6,588	.....	60,822
South America	165,101	60,606	183,311	1,114	409,532
Australasia	7,140	398	91,501	.....	99,039
Asia	100,055	2,350	51,335	478	154,218
Total	680,064	172,771	672,408	7,272	1,532,515

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during August 1938 or August 1937, are listed below:

Commodity	August		Commodity	August	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Ammonium compounds	14,710	6,207	Beans, edible, dry	11,256	13,684
Asphalt and tar	11,313	7,409	Borax	11,168	3,358
Automobiles and parts	26,877	15,093	Canned goods, various	96,004	106,265
Canned goods, various	13,166	7,962	Coffee	12,036	16,527
Cement	10,366	8,037	Cold storage (food products) [12]	11,382	32,618
Chemicals	9,310	10,083	Copra	15,705	24,542
Coal and coke	17,618	14,197	Cotton, raw	13,374	9,502
Corn	21,462	21	Flour	14,535	13,389
Cotton, raw	4,267	21,099	Fruit, dried	16,566	24,803
Iron and steel	249,215	124,583	Fruit, fresh [13]	10,868	22,249
Machinery	12,974	11,181	Lumber	306,738	268,374
Manufactured goods	15,180	12,301	Metals, various	67,245	49,003
Metals, various	76,480	26,725	Nitrates	75,885	84,082
Oils, mineral	64,656	75,325	Oils, mineral	409,944	310,114
Ores	14,256	2,491	Oils, vegetable	19,556	14,281
Paper	36,883	48,532	Ores	202,437	161,261
Phosphates	27,843	1,494	Paper	15,748	12,712
Scrap metal	169,690	41,068	Phosphates	14,258	6,400
Sulphur	35,232	20,289	Rice	10,406	1,268
Tinplate	16,761	5,677	Sugar	164,031	102,833
Wood pulp	16,318	5,623	Wheat	2,943	43,757
			Wood pulp	32,121	13,345
Pacific to Atlantic			.....	.....	.....
Asphalt and tar	11,186	612	.....	.....	.....
Barley	33,252	39,850	.....	.....	.....

[12] Does not include fresh fruit. [13] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of August 1938, as reported in the cargo declarations showing the movement, by direction, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small

items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	13	29	61
Agricultural implements	409	5	4,173	92
Alfalfa meal	.....	513	.....	871
Ammonium compounds	73	.....	6,207	1
Animal foods [14]	.....	144	.....	514
Apparel, wearing (hats, shoes, clothing, etc.)	123	.....	123	33
Asbestos	397	18	1,156	50
Asphalt and tar	108	.....	7,409	612
Automobiles (and autotrucks)	380	5	10,795	46
Automobile parts and accessories	182	134	4,298	147
Bags and bagging, textile	58	10	91	10
Bamboo and products	.....	.....	.....	114
Bananas	.....	.....	.....	1,632
Barks, miscellaneous	.....	61	.....	441
Barley	.....	74	1	39,850
Beans, edible, dry	22	4,970	39	13,684
Beer	50	.....	417	117
Blood and tankage	.....	.....	.....	250
Bones and bone meal	.....	.....	756	.....
Books and printed matter	21	.....	151	.....
Borax	20	372	445	3,358
Bran and pollards	27	27	27	2,733
Bricks and tile	491	.....	1,453	.....
Canned and preserved goods:				
Fish	304	12,377	524	20,992
Fruit	1,397	23,002	1,468	69,786
Meat	148	31	998	678
Milk	13	86	422	151
Soup	1,445	.....	1,514	.....
Vegetables	294	6,992	380	7,097
Miscellaneous and unclassified	2,301	7,217	2,656	7,561
Carbon black	51	.....	825	.....
Celite	.....	1,183	.....	1,183
Cement	505	11	8,037	16
Chalk	.....	.....	160	.....
Charcoal	.....	.....	110	.....
Chemicals [14]	4,435	484	10,083	1,069
Clay, china and fire	305	361	474	498
Clay, filtering	450	60	450	124
Coal	1,663	.....	9,786	.....
Cocoa and cacao beans	412	.....	976	1,603
Coconuts and products [14]	149	1,351	245	3,065
Coffee	273	36	8,028	16,527
Coke	20	27	4,411	33
Cold storage and refrigerated products:				
Dairy products	26	59	176	10,652
Eggs	.....	.....	.....	141
Fish	78	.....	88	208
Lard	542	6	568	62
Meats	23	.....	425	21,318
Poultry	.....	.....	40	.....
Vegetables	27	77	51	237
Other and unclassified	.....	.....	23	.....
Confectionery	1,124	.....	1,159	.....
Copra	.....	.....	.....	24,542
Corn	.....	.....	21	1,000
Cotton, raw	15	292	21,099	9,502
Creosote	.....	.....	15	.....
Drugs and medicines	2,170	121	2,505	270
Earthenware	.....	.....	87	202
Electrical apparatus and appliances	1,772	122	2,664	193
Enamelware and metalware	390	.....	411	27
Explosives	.....	96	101	96
Extract, quebracho	.....	.....	513	.....
Fertilizers [14]	200	106	1,639	1,726
Fish meal	13	.....	53	2,172
Floor coverings	2,300	1,358	2,478	1,676
Flour	308	11,003	899	13,389
Fruit, dried	14	14,094	14	24,803
Fruit, fresh [14]	.....	932	35	22,249
Furniture and household goods	218	188	291	193
Gallnuts	.....	.....	.....	40
General	16,509	3,467	51,763	10,179
Glass and glassware	2,117	16	4,621	250
Glue	35	159	35	163
Grains, other and unclassified	.....	61	25	161

[14] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Groceries	1,073	493	1,438	2,032
Gums	21	47	21	338
Hair, all kinds	137	87	140	322
Hay	.....	184	8	300
Hemp, unmanufactured	25	59	30	1,656
Honey	.....	175	.....	307
Horns and hoofs	.....	.....	49	.....
Infusorial earth	.....	470	15	648
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	59,238	356	124,583	404
Ivory nuts	.....	106	221	2,325
Jute, unmanufactured	25	.....	86	32
Lard substitute	1,305	.....	1,305	.....
Lime	15	.....	115	.....
Liquors	3,400	357	4,332	376
Lumber (including manufactured mill products)	2,401	120,786	3,906	268,374
Machinery	2,267	505	11,181	731
Malt	.....	.....	144	.....
Manufactured goods [14]	8,301	417	12,301	2,884
Marble and granite	49	.....	163	6
Matches	321	17	424	17
Metals:				
Copper	195	1,843	8,736	25,805
Gold and silver	.....	.....	.....	18
Iron	3,323	.....	14,209	387
Lead	108	2,691	1,681	15,904
Tin	199	80	234	730
Zinc	44	.....	1,025	6,016
Other and unclassified	201	24	840	143
Milk, powdered	.....	686	7	841
Molasses and syrups	707	.....	856	296
Nitrate	5,250	.....	5,275	84,082
Nuts, edible (including meats)	.....	212	253	2,130
Oats	78	369	78	4,111
Oils, mineral:				
Crude	91	53,672	13,818	132,967
Gas and fuel	.....	.....	32,950	46,893
Gasoline, benzine and naphtha	39	18,515	10,969	94,220
Kerosene	.....	9,200	49	35,004
Lubricating and greases	7,248	917	17,337	1,030
Other and unclassified	.....	.....	202	.....
Oils, vegetable:				
Coconut	.....	447	303	10,296
Cottonseed	.....	.....	340	273
Linseed	5	.....	108	.....
Olive	.....	.....	1,544	.....
Peanut	.....	.....	.....	302
Teaseed	.....	.....	.....	220
Wood	45	.....	58	1,450
Other and unclassified	12	42	542	1,740
Oil, fish	416	20	503	4,142
Oil, whale	.....	671	37	671
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	12	3,663	1,885
Oilseed cake and meal	2,044	.....	2,069	5,201
Ores:				
Antimony	.....	107	30	332
Chrome	.....	.....	.....	5,000
Copper	.....	448	106	5,232
Gold and silver	.....	.....	.....	3,735
Iron	.....	.....	10	116,419
Lead	.....	.....	.....	4,851
Magnesite	.....	518	10	554
Manganese	2,097	.....	2,097	1,042
Tin	.....	.....	.....	4,133
Zinc	22	.....	27	16,263
Other and unclassified	22	.....	211	3,700
Paints and varnishes	718	223	1,687	246
Paper and paper products [14]	12,134	5,869	48,532	12,712
Peanuts	348	.....	348	269
Peas, dry	.....	1,488	.....	9,028
Peatmoss	.....	.....	890	.....
Phosphates	1,274	.....	1,494	6,400
Plaster	.....	.....	130	.....
Porcelainware	419	75	1,235	2,189
Potash	18	3,948	2,607	9,277
Pyrethrum flowers	.....	.....	.....	149
Rags and waste	114	78	386	436
Railroad material	.....	.....	5,418	.....
Rice	410	113	525	1,268
Rope and twine	163	20	321	1,386

[14] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rosin	1,281	.....	3,451	.....
Rubber:				
Manufactured	1,483	66	2,051	98
Raw	16	60	16	2,917
Scrap	51	25	335	56
Salt	178	170	6,302	170
Sand	963	.....	1,816	.....
Scrap metal	334	251	41,068	1,666
Seeds (except oilseeds)	20	1,060	222	1,666
Shells, oyster	899	.....	899	319
Silk, raw	.....	93	88	2,058
Skins and hides	31	2,053	375	6,075
Slag	.....	.....	1,332	.....
Slate	2,264	.....	2,264	.....
Soaps and products	2,768	118	2,960	188
Soda and sodium compounds:				
Soda ash	720	.....	1,082	508
Soda, caustic	564	.....	1,268	.....
Miscellaneous and unclassified	379	.....	1,892	59
Soy beans	72	.....	72	36,309
Spices	205	121	247	324
Sugar	.....	8,192	303	102,833
Sulphur	13,167	.....	20,289	10
Talc	.....	118	.....	327
Tallow	100	259	112	2,164
Tea	36	166	120	837
Textiles [15]	4,221	164	7,123	1,592
Tinplate	1,465	.....	5,677	425
Tobacco and manufactures	459	44	3,424	261
Toilet preparations	309	.....	401	1
Turpentine	263	.....	325	.....
Vegetables, dry [14]	.....	.....	2	397
Wall board	110	.....	288	699
Wax, paraffin	75	.....	1,338	236
Wheat	.....	73	.....	43,757
Wines	46	1,080	795	1,923
Wood pulp	368	10,515	5,623	13,345
Wool	123	4,650	471	8,715
Total, August 1938	193,699	347,346	639,159	1,532,515
Total, August 1937	276,304	433,150	1,062,590	1,718,013
Total, August 1936	277,091	475,033	770,943	1,625,388

[14] Except as otherwise classified. [15] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of August 1938, classified according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[16] Panama Canal net tonnage	Tons of cargo	No. of ships	[16] Panama Canal net tonnage	Tons of cargo
United States intercoastal	9	51,790	.....	7	41,177	81,387
East coast United States and:						
South America	1	5,900	980	.....	.....	.....
Hawaiian Islands	1	3,732	.....	.....	.....	.....
Far East	1	6,849	11,803	1	6,849	.....
East coast Canada and South America	.....	.....	.....	2	14,643	28,734
Central America/Mexico intercoastal	.....	.....	.....	1	3,643	.....
East coast Central America/Mexico and Far East	1	6,711	11,080	2	13,867	.....
South America intercoastal	1	6,268	12,854	.....	.....	.....
West Indies and:						
United States	2	10,889	.....	7	43,232	84,883
Central America and Mexico	1	4,272	8,906	.....	.....	.....
South America	.....	.....	.....	1	7,234	14,952
Europe and:						
United States	6	35,802	.....	5	31,186	58,698
South America	5	30,644	.....	3	20,081	39,984
Total	28	162,857	45,623	29	181,912	308,638

[16] As measured under the present Panama Canal rules.

Comparison of Canal Traffic in August 1938, with August Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of August			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	148	[17] 492	571	1915	[18] 100	361	466
1916	131	443	506	1916	60	199	258
1917	161	510	578	1917	145	483	588
1918	152	451	534	1918	165	547	627
1919	183	586	716	1919	162	510	576
1920	238	948	1,040	1920	199	712	781
1921	230	965	839	1921	232	950	966
1922	250	1,084	1,166	1922	222	951	907
1923	445	2,232	2,168	1923	325	1,550	1,631
1924	369	1,902	1,958	1924	429	2,179	2,249
1925	364	1,779	1,912	1925	382	1,904	1,996
1926	450	2,230	2,320	1926	424	2,064	2,169
1927	525	2,512	2,429	1927	441	2,184	2,311
1928	510	2,435	2,424	1928	521	2,453	2,468
1929	519	2,556	2,680	1929	524	2,485	2,554
1930	455	2,344	2,147	1930	502	2,497	2,502
1931	377	1,997	1,788	1931	447	2,314	2,089
1932	298	1,657	1,348	1932	364	1,968	1,650
1933	393	2,159	1,913	1933	347	1,900	1,513
1934	401	2,245	2,188	1934	436	2,379	2,059
1935	395	2,102	2,019	1935	432	2,317	2,109
1936	473	2,398	2,396	1936	449	2,335	2,209
1937	505	2,597	2,781	1937	449	2,291	2,342
1938	468	2,354	2,172	1938	460	[19] 2,338	2,282
				[20]	460	[21] 2,290	

[17] Canal opened August 15, 1914. [18] Average for 10½ months. [19] As measured under the rules in effect prior to March 1, 1938. [20] Average for 8 months of calendar year 1938. [21] Estimated tonnage under Panama Canal rules in effect prior to March 1, 1938.

Terminal Activities

Ships repaired during the month of August 1938 numbered 53, of this number 8 were drydocked. Fuel and Diesel oil in the quantity of 243,897 barrels was delivered as bunkers to 128 commercial ships. Bunker coal amounting to 6,251 tons was delivered to 22 commercial ships. Sales of commissary supplies to ships aggregated $24,140.30.

Cargo Handled at Terminal Ports, August 1938

	Cristobal	Balboa	Total
Local cargo arriving ... tons	18,487	9,101	27,588
Local cargo shipped ... tons	3,193	1,223	4,416
Cargo received for transshipment ... tons	45,388	1,866	47,254
Cargo transshipped ... tons	43,114	1,405	44,519
"Canal Zone for Orders" cargo:			
Number of receipts issued	2	.....	2
Number of releases issued	26	6	32
Tons received	16	.....	16
Tons withdrawn	27	4	31

All Vessels Entering and Clearing Port, August 1938

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	537	3,216,974	1,947,968	505	2,903,428	1,772,750
Vessels entering port but not transiting Canal	57	353,097	192,319	6	21,962	13,156
Vessels transiting Canal and handling passengers and cargo at terminal ports	131	759,376	456,530	106	613,779	370,239
Ships clearing						
All vessels, including those transiting Canal	538	3,234,885	1,956,704	504	2,890,197	1,764,029
Vessels clearing port but not transiting Canal	56	356,913	191,822	7	22,374	13,368
Vessels transiting Canal and handling passengers and cargo at terminal ports	135	787,133	473,333	105	607,975	366,574

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight August 10, 1938, to midnight September 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Tatuno Maru, 61, 15
Port Antonio, 0, 759
Amasis, 161, 236
Trois Ilets, 291, 0
Talamanca, 154, 1,487
Santa Rita, 390, 417
Guayaquil, 1,861, 403
Ulua, 1,015, 180
Rialto, 159, 29
Nero, 621, 421
Cerigo, 1,224, 328
Quito, 22, 436
Benjamin Franklin, 39, 531
John Worthington, 1,396, 0
Maine, 336, ½
Este, 112½, 624
Ino, 282, 36
Istmo, 1,007, 192
Pasajero, 0, 12½
Malmanger, 10,776, 0
Aequator, 4, 0
Osnabruck, 286, 473
Havelland, 281½, 0
Santa Inez, 561, ¼
Santa Rosa, 154, 69
Veragua, 61, 317¼
Lautaro, 12, 257
Pereira, 0, 682
Sambu, 0, 8
Crijnssen, 71, 2
Cefalu, 177, 696
San Gabriel, 289, 0
Acajutla, 484½, 576
Port Halifax, 0, 501
Cristobal, 2,605, 726
Rhakotis, 25, 251
Santa Lucia, 459, 179½
Quirigua, 910, 2,152
Sesostris, 0, 887
Baarn, 73, 666
Clio, 178, 139
Nero, 240, 0
Durazzo, 1,159, 34
Cacique, 88, 0
Asuka Maru, 166, 0
Nela, 201, 265
Santa Marta, 592, 266
Istmo, 810, 141
Magister, 196, 57
Crijnssen, 68, 273
San Francisco, 200, 94
Nagara Maru, 104, 0
Annie Johnson, 134, 256
Losada, 37, 3
Trois Ilets, 384, 12
Perene, 0, 223
Samuel Bakke, 0, 180
Santa Paula, 75, 47
Chiriqui, 120, 201
Caribia, 161, 35½
Itauri, 30, 284
Tacoma, 53, 243
Kirisima Maru, 234, 0
Yamagiri Maru, 389, 0
Gansfjord, 148, 56
Santa Clara, 602, 7
Vermont, 164, 24
Maravi, 0, 129¼
Sambu, 0, 7¼
Wayfarer, 256, 0
Silverbelle, 980, 0
Contessa, 365, 471
D.G. Scofield, 12,707, 0
Kiyokawa Maru, 717, 12
Musa, 901, 201
Breda, 0, 141
Margaret Lykes, 971¼, 879
Santa Barbara, 345, 345
Jamaica, 175, 736
Lagarto, 36, 425
San Diego, 540, 656
Weser, 147, 339
Duesseldorf, 135, 440
Nero, 250, 119
Cerigo, 0, 221
Ino, 370, 258
Istmo, 803, 294
Mantilla, 8,532, 0
Colombia, 109, 42
Durazzo, 34, 355
Toloa, 915, 281
Buenaventura, 1,457, 600
Quito, 1,392, 499
Smaragd, 849, 850
Imperial, 86½, ½
Europa, 0, 17
Trois Ilets, 291, 36
Tai Yang, 1,119, 0
Narenta, 316, 154
Santa Elena, 161, 254
Talamanca, 9, 164
Lochavon, 62, 22
Helga, 0, 50
Canada, 6, 0
Portland, 106, 171
Caribia, 54, 914
Virgilio, 1, 22
Hoyanger, 39, 9
Bretagne, 82, 1,250
Santa Maria, 540, 5
Ville de Verdun, 0, 78
Dresden, 127, 462
Real, 0, 25
Cefalu, 700, 644
Anubis, 9, 49
Salvador, 717, 806
Hermonthis, 133, 174
Platano, 893, 377
Ancon, 2,966, 613
Veragua, 129, 1,727
San Rafael, 532, 41
Saarland, 407, 213
Bogota, 1,478, 0
City of Hankow, 69, 233
Istmo, 808, 254
Manizales, 29, 223
Santa Inez, 415, 270
San Jose, 376, 579
Alkmaar, 180, 1,648
Nero, 273, 139
Knute Nelson, 24, 131
Sixaola, 1,238, 243
Clio, 370, 202
Emma Bakke, 287, 0
Colombia, 4, 584
Colonial, 176, 0
West Camargo, 577, 92
Falcon, 83, 478
Margaret Johnson, 227, 197
Lysefjord, 99, 119
Assuan, 36, 0
Orbita, 51, 10
Kinai Maru, 348, 53
Mantilla, 3,594, 0
City of Los Angeles, 402, 0
Quirigua, 9, 305
Santa Rita, 243, 19
Santa Rosa, 185, 216
Niel Maersk, 709, 22
Trois Ilets, 354, 100
Washington, ½, 0
Naumburg, 11, 0
Leipzig, 86, 517
Orazio, 98, 0
Contessa, 271, 669
Oakland, 149, 810
San Antonio, 352, 379
Nuevo Panama, 0, 82
Sambu, 0, 5
Lochkatrine, 95, 1 pkg.
Komaki Maru, 364, 0
Musa, 1,026, 2
Axel Johnson, 58, 266
Chiriqui, 414, 488
Santa Clara, 480, 88
Boskoop, 55, 234
Guayaquil, 2,167, 528
Ino, 381, 84
Nero, 281, 125
Pereira, 607, 461
Cerigo, 989, 1,089
Cellina, 130, 877
Ulua, 622, 97
Istmo, 815, 309
Leme, 125, 39
Nebraska, 148, 42
Reina del Pacifico, 23, 691

BALBOA

City of Los Angeles, 0, 29
Santa Rita, 157, 10
John Worthington, 3,658, 0
Santa Inez, 1, 0
Pereira, 0, 81
Ludington, 1,900, 84
Olaf Bergh, 482 0
Santa Lucia, 378, 10
City of San Francisco, 10, 77
Munchen, 0, 661
Santa Clara, 16, 10
Samuel Bakke, 703, 0
Capac, 306, 0
Santa Barbara, 196, 48
Miss C. B., 1, 9
San Diego, 946, 0
Grant, 39, 47
City of Norfolk, 0, 64
Chaumont, 2, 0
Nero, 0, 54
Tai Yang, 290, 0
Salvador, 3, 0
West Camargo, 985, 0
Smaragd, 0, 2
Bachaquero, 6,258, 0
Chateau Thierry, 1,026, 0
City of Baltimore, 0, 88
Santa Inez, 105, 0
Falcon, 3, 0
Niel Maersk, 132, 0
St. Mihiel, 38, 0
Republic, 232, 0
City of Newport News, 0, 71
Santa Clara, 99, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Canal ports during August 1938, numbered 2,602 at Cristobal; and 1,013 at Balboa; embarking 2,394 at Cristobal and 789 at Balboa. Passengers passing through the Canal numbered 3,205 from the Atlantic to the Pacific, and 2,513 from the Pacific to the Atlantic. Aircraft numbering 51 entered Cristobal and 231 passengers disembarked; clearances were 51, with 219 passengers embarking. At Balboa entries of aircraft numbered 54, with 160 passengers disembarking; clearances were 54, with 148 passengers embarking.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. A modern laundry service is also available.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal

From midnight August 10, 1938, to midnight September 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Santos [2]	10	11	Swed.	Johnson Line	Goth'burg, Swed.	Valparaiso, Chile.	General	557
West Ira	10	11	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	2,817
Loosdrecht [1] [2]	10	11	Neth.	Wirtshaflice Torsehungsgerelshaft.	Hamburg, Ger.	S. Francisco, Cal.	Ballast	
Arna [2]	10	11	Nor.	Seaboard Ship. Co.	Baltimore, Md.	Vancouver, B. C.	Ballast	
African Reefer [2]	11	11	Dan.	J. Lauritzen	London, England	North Pacific pts.	Ballast	
Temple Mead	11	11	Brit.	Chile Nit. Sales Corp.	Flushing, Neth.	Chile	Ballast	
Edwin Christenson.	11	11	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	General	4,658
Egyptian Reefer [2]	11	11	Dan.	J. Lauritzen	Hamburg, Ger.	S. Francisco, Cal.	Ballast	
Munchen [2]	10	11	Ger.	North German Lloyd.	Hamburg, Ger.	Talcahuano, Chile	General	4,461
Castor [1] [2]	11	12	Swed.	Standard Oil of N. J.	Caripito, Venez.	Tocopilla, Chile.	Fuel oil	12,854
Lt. Col. H. C. Schumm. [4]	9	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
City of Los Angeles. [2]	12	12	Amer.	Panama-Pacific Line.	Baltimore, Md.	S. Francisco, Cal.	General	1,891
City of Dalhart [2]	11	12	Amer.	Roosevelt S. S. Co.	Newp't News, Va.	Brisbane, Aust'lia	Oil, gas, gen.	5,285
Wairangi [2]	12	12	Brit.	Shaw, Savill & Albion	Liverpool, Eng.	Auckland, N. Z.	General	4,874
Teviotbank	12	12	Brit.	Gulf-Australia Line	Galveston, Tex.	Adelaide, Aust'lia	Sulphur, gen.	5,800
Wind Rush	12	12	Amer.	Shepard S. S. Co.	Albany, N. Y.	Tacoma, Wash.	General	4,085
Trois Ilets	11	12	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	Ballast	
Paul Luckenbach.	12	12	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,800
Santa Rita [2]	12	13	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile.	General	2,318
Liberty Glo	12	13	Amer.	Amer.-For. S. S. Corp.	Sulphurport, La.	S. Francisco, Cal.	Sulphur	7,200
Nako Maru [2]	13	13	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	Oil, gen.	5,246
Aurora [1] [2]	13	13	Amer.	Socony Vac. Oil Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Fairfield City	13	13	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Penang, St. Sett.	General	6,146
Forbes Hauptman	13	13	Amer.	McCormick S. S. Co.	Albany, N. Y.	Seattle, Wash.	General	4,264
Imperial Monarch	13	13	Brit.	Andrew Weir & Co.	Liverpool, Can.	Bluff, N. Z.	Newsprint	4,670
Minnesotan	13	13	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,198
Nero [2]	12	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	241
Tatekawa Maru [1] [2]	13	13	Jap.	Kawasaki K. Kaisha.	Nanchital, Mex.	Korea, Japan	Fuel oil	11,080
Amerikaland [2]	13	14	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Yngaren [2]	13	13	Swed.	Transatlantic S.S. Co.	Norfolk, Va.	Vancouver, B. C.	Ballast	
John Worthington. [1]	13	15	Amer.	Standard Oil of N. J.	Baton Rouge, La.	Talara, Peru	Gasoline	980
Rio Indio [2]	13	14	Pan.	United Fruit Co.	Bocas, R. P.	Puntarenas, C.R.	Tow. barge	
Barge No. 31068	13	14	Pan.	United Fruit Co.	Bocas, R. P.	Puntarenas, C.R.	Ballast	
Pacific Enterprise [2]	14	14	Brit.	Furness, Withy & Co.	Glasgow-England	Vancouver, B. C.	General	779
Canadian Challenger.	13	14	Brit.	Mont.-Aust.-N.Z.Line	Montreal, Canada	Sydney, Aust'lia.	Newsprint	4,007
Itukusima Maru. [1] [2]	14	14	Jap.	Nippon S. Kab. Kaisha	Corpus Ch'ti, Tex.	Yokohama, Japan	Crude oil	11,803
Quito [2]	12	14	Ger.	North German Lloyd.	Barranquilla, Col.	Guayaquil, Ecua.	Gen., flour	678
Gryfevale	14	14	Brit.	Chile Nit. Sales Corp.	Malta, Br. Col'ny	Chile	Ballast	
Maine	13	14	Amer.	Calif.-Eastern Line	Jacksonville, Fla.	San Diego, Calif.	General	4,481
Ino [2]	13	14	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	166
Este	13	14	Ger.	North German Lloyd.	Hamburg, Ger.	Portland, Oreg.	General	6,777
Istmo	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	445
Dallas [9]	6	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-45 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pennmar	14	15	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,974
S-44 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-47 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Port Montreal [2]	15	15	Brit.	Mont.-Aust.-N.Z.Line	Montreal, Canada	Adelaide, Aust'lia	General	5,925
S-42 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-43 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Steel Exporter	15	15	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Seattle, Wash.	(14)	3,445
Hokkai Maru [2]	15	15	Jap.	Osaka Shosen Kaisha.	Boston, Mass.	Dairen, China	(15)	7,956
McDougal [9]	15	17	Amer.	U. S. Navy	Pensacola, Fla.	Mare Is., Calif.	Ballast	
Ludington [8]	13	18	Amer.	U. S. Army	Brooklyn, N. Y.	Honolulu, T. H.	General	3,537
Pereira	9	18	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	680
Nailsea Meadow	16	16	Brit.	E. R. Man'ment Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	
Sea Deer [13]	...	...	Amer.	B. Patchett	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Maria Cristina [3]	16	16	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	5
Trebartha	16	17	Brit.	Hain S. S. Line	Cardiff, England.	Vancouver, B. C.	Ballast	
Cromarty [2]	16	17	Brit.	Canadian Transp. Co.	Tyne, England	Portland, Oreg.	Ballast	
Riley [2]	16	17	Brit.	Seaboard Ship. Co.	Hull, England	Vancouver, B. C.	Ballast	
Alabaman	17	17	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	2,271
Heffron	17	17	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Seattle, Wash.	(16)	2,499
Wearpool [2]	16	17	Brit.	Sir R. Ropner & Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Marchen Maersk [2]	17	17	Dan.	A. P. Moller	Boston, Mass.	Cebu, P. I.	General	3,887
Tweedbank [2]	17	17	Brit.	Bank Line, Ltd.	Boston, Mass.	Shanghai, China.	General	6,063
San Gabriel	16	17	Amer.	Pac.-Atlantic S.S. Co.	New York, N. Y.	Tacoma, Wash.	General	2,819
Thorstrand [2]	17	17	Nor.	Fred Olsen Line	London, England	S.Francisco, Cal.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [7] Submarine. [8] Transport. [9] Destroyer. [13] Sailboat. [14] Steel, paper, general. [15] Machines, steel, etc. [16] Steel, lubricating oil, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
King John [2]	17	17	Brit.	Dodd, Thomson & Co.	Hull, England	Vancouver, B. C.	Ballast	
Isthmian	17	17	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	Gen., steel	3,891
La Union [2]	16	18	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	16		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	16		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	16	17	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	12
Pirate [3]	17		Pan.	E. J. Hooper	Colon, R. P.	Gatun, C. Z.[13]		20
Point Palmas	17	18	Amer.	Gulf-Pacific Line.	Houston, Tex.	Seattle, Wash.	General	6,540
Ferncliff [2]	18	18	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Antof'gasta, Chile	Ballast	
Richmond [12]	18	18	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
Rhakotis [2]	18	18	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	4,130
Lt. Col. H. C. Schumm.[4]	16		Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge.	
Santa Lucia	18	19	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,416
City of San Francisco.	18	20	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	1,749
Tambua	18	19	Brit.	Colonial Sug. Ref. Co.	Dundee, England	Australia	(14)	4,795
Asakasan Maru [2]	19	19	Jap.	Mitsui & Co.	New York, N. Y.	Yokohama, Japan	Gasoline, tin.	5,672
Berganger [2]	19	19	Nor.	Interocean Line.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Edward Luckenbach.	19	19	Amer.	Luckenbach Line	New York, N. Y.	Tacoma, Wash.	General	3,787
Marna	19	19	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,115
Pan Gothia [1] [2]	19	19	Swed.	Standard Oil of N. J.	Amsterdam, Neth.	Talara, Peru	Ballast	
Baarn	18	19	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,103
Nathan [2]	19		Pan.	E. J. Hooper	Colon, R. P.	Gatun, C. Z.[13]		20
Tamaroa	20	21	Brit.	Shaw, Savill & Albion.	London, England	Wellington, N. Z.	General	4,490
Clio [2]	18	20	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	126
Amagisan Maru [2]	19	20	Jap.	Mitsui Bussan Kaisha	New York, N. Y.	Moji, Japan	Cotton, rosin	8,307
Cathwood [1]	20	20	Amer.	Union Oil of Calif.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Montanan	20	20	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,197
Chilean Reefer [2]	19		Dan.	J. Lauritzen	Cardiff, England.	Los Angeles, Cal.	Ballast	
Devon	20	20	Brit.	Fed. Steam Nav. Co.	New York, N. Y.	Adelaide, Aust'lia	General	3,334
Agios Georgios IV	20	20	Greek.	Geo. Nicolaou	Amsterdam, Neth.	Los Angeles, Cal.	Ballast	
Steelore	20	20	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Nela	19	20	Brit.	Royal Mail Line, Ltd.	Barry, England.	Vancouver, B. C.	General	2,276
Montgomery City	20	21	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Tacoma, Wash.	General	2,772
Nero [2]	18	21	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Lena Luckenbach.	21	21	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	5,005
Istmo	19	21	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	240
Belita [1] [2]	21	21	Nor.	Lobitos Oilfields	Rotterdam, Neth.	Cabo Bl'co, Peru.	Ballast	
Thurland Castle [2]	21	21	Brit.	Barber Line	New York, N. Y.	Hongkong, China.	(15)	5,139
Rothley [2]	22	22	Brit.	Mont.-Aust.-N.Z. Line	Three Riv., Can.	Melbourne, Aust.	Newsprint	5,527
Baron Newlands.	22	22	Brit.	Hogarth Ship. Co.	Boston, Mass.	Paita, Peru	Ballast	
Samuel Bakke [2]	21	23	Nor.	Knut Knutsen, O.A.S.	Goth'burg, Swed.	Talcahuano, Chile	General	2,272
Moldanger [2]	22	28	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Trois Ilets	21	22	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	12
Aequator No. 1 [5]	13		Ger.	Experim'tal Shark Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Acajutla	16	23	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	576
Cerigo	20	23	Ger.	Hamburg-Amer. Line.	Barranquilla, Col	Guayaquil, Ecua.	Steel, gen.	148
Tacoma	22	23	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	(16)	4,677
Horace Luckenbach.	23	23	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	4,568
Salacia [2]	23	23	Brit.	Donaldson Line	Glasgow-England	Vancouver, B. C.	General	561
Vermont	23	23	Amer.	Cal.-Eastern Line	New York, N. Y.	Tacoma, Wash.	General	4,271
Maria Cristina [3]	23	23	Pan.	A. Tagaropulos	Colon, R. P.	Real, R. P.	General	3
Nuevo Panama [2]	23	24	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Dairen, R. P.	Ballast	
Maravi	23	24	Pan.	United Fruit Co.	Boston, Mass.	Puntarenas, C.R.	(17)	2,986
Terukawa Maru [2]	24	24	Jap.	Kawasaki K. Kaisha.	New York, N. Y.	Yokohama, Japan	Cotton, gen.	7,711
Statira [2]	23	24	Brit.	Seaboard Ship. Co.	New York, N. Y.	Vancouver, B. C.	Ballast	
Carolinian	24	24	Amer.	Amer.-Hawaiian Line.	Bridgeport, Conn.	Portland, Oreg.	General	3,492
Tsuyama Maru	24	24	Jap.	Nippon Yusen Kaisha	Philadelphia, Pa.	Kobe, Japan	Gen., gasoline	7,772
Pan Florida [1]	23	24	Amer.	Pan-Am. P. & Tr. Co.	Baltimore, Md.	Pt. S. Luis, Calif.	Ballast	
Pirate [3]	24		Pan.	E. J. Hooper	Colon, R. P.	Gatun, C. Z.[13]		20
Sambu [2]	23	24	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	25
Nathan [2]	24		Pan.	E. J. Hooper	Colon, R. P.	Gatun, C. Z.[13]		20
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Raleigh [12]	24	27	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
Bagley [9]	24	27	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
Craven [9]	24	27	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
D. G. Scofield [1]	23	25	Amer.	Socony Vac. Oil Co.	Beaumont, Tex.	S. Francisco, Cal.	Ballast	
Navarino	24	25	Brit.	Canadian Transp. Co.	Cardiff, England.	Portland, Oreg.	Ballast	
Port Jackson [2]	25	25	Brit.	Port Line, Ltd.	London, England	Bluff, N. Z.	General	5,403
Cressington Court[2]	25	25	Brit.	Canadian Transp. Co.	Liverpool, Eng.	Brit. Columbia	Ballast	
Constance Chandler.	25	25	Amer.	Matson Nav. Co.	Philadelphia, Pa.	Kahului, T. H.	General	928
Harmatris	25	26	Brit.	J. & C. Harrison	Tyne, England	Vancouver, B. C.	Ballast	
Fortuna [3]	24	25	Pan.	A. Ferrari	Pto. Cabezas, Nic.	Panama R, P.	Lumber	75

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [9] Destroyer. [12] Cruiser. [13] For bananas and return to Cristobal, C. Z. [14] Sulphate of ammonia and general. [15] Scrap iron, general. [16] Coffee, cement, general. [17] Railroad material.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Santa Barbara [2]	25	26	Amer.	Grace Line	New York, N. Y.	SanAntonio,Chile	General	2,034
Grover J. [13]	...	...	Amer.	G. C. Gravatt	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
City of Norfolk	25	27	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,047
Lagarto [2]	25	26	Brit.	Pacific Steam Nav. Co.	Hull, England	Coronel, Chile	General	3,203
Baldbutte [1]	26	26	Amer.	Shell Oil Co.	Sewaren, N. J.	Los Angeles, Cal.	Ballast	.....
Lancaster	26	26	Amer.	Weyerhaeuser S.S. Co.	New York, N. Y.	Tacoma, Wash.	General	2,503
Toyohashi Maru	26	26	Jap.	Nippon Yusen Kaisha	Hamburg, Ger.	Yokohama,Japan	Gasoline	4,379
Baron Dunmore	26	26	Brit.	Hogarth Ship. Co.	Newp't News, Va	Callao, Peru	Ballast	.....
Thrush [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Theofano Livanos	26	26	Greek	Anglo-Chilean Co.	Rouen, France	Chile	Ballast	.....
Texmar	26	26	Amer.	Calmar Line	Baltimore, Md.	Tacoma, Wash.	Ballast	.....
San Diego	25	27	Fr.	French Line	Havre, France	Vancouver, B. C.	General	3,953
Dusseldorf [2]	25	27	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	4,260
Lt. Col. H. C. Schumm.[4]	24	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
Chaumont [8]	26	29	Amer.	U. S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	289
Houston [12]	27	28	Amer.	U. S. Navy	E. coast, U. S. A.	San Diego, Calif.	Ballast	.....
Blue [9]	27	28	Amer.	U. S. Navy	E. coast, U. S. A.	San Diego, Calif.	Ballast	.....
Nero [2]	25	27	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	108
Julia Luckenbach.	26	27	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,468
Massmar	26	27	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,558
American Oriole	27	27	Amer.	McCormick S. S. Co.	Norfolk, Va.	Tacoma, Wash.	General	8,008
Ino [2]	26	27	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	234
Royal Star	27	27	Brit.	Blue Star Line	London, England	Vancouver, B. C.	Ballast	.....
Texan	27	27	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,250
Durazzo	26	27	Ger.	Hamburg-Amer. Line.	Barranquilla,Col.	Guayaquil, Ecua.	Gen., coffee	425
Istmo	26	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	550
Steel Worker	27	28	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	General	2,719
Villanger [2]	27	28	Nor.	Interocean S. S. Corp.	London, England	Vancouver, B. C.	Ballast	.....
Ensley City	28	28	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Hilo, T. H.	General	771
Nestos	28	28	Greek	S. Livanos & Co.	Cardiff, England.	Antof'gasta,Chile	Coal	7,338
Pacific Pioneer [2]	28	28	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	137
Trois Ilets	27	28	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	19
Kyusyu Maru [2]	29	29	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	([15])	7,722
Oregon Express [2]	29	29	Nor.	Fruit Express Line	London, England	Los Angeles, Cal.	Ballast	.....
Middlesex	29	29	Brit.	Fed. Steam Nav. Co.	Newport, Eng.	Dunedin, N. Z.	General	6,900
Kongo Maru [2]	29	29	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Rosin, oil	8,278
City of Athens	28	29	Brit.	Amer.-Far East Line.	Baltimore, Md.	Hongkong, China	General	3,599
Hoyanger [2]	29	29	Nor.	Westfal, Larsen & Co.	Buenos Aires,Arg.	Vancouver, B. C.	General	3,091
Canada [2]	29	30	Dan.	East Asiatic Co.	Copenhagen,Den.	Vancouver, B. C.	General	434
Lochavon [2]	29	30	Brit.	Royal Mail Line, Ltd.	Rotterdam,Neth.	Portland, Oreg.	General	2,048
Jutland	29	30	Brit.	Seaboard Ship. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Malaya [2]	29	30	Dan.	East Asiatic Co.	St. Nazaire, Fr.	Los Angeles, Cal.	Ballast	.....
Columbian	30	30	Amer.	Amer.-Hawaiian Line.	Jacksonville, Fla.	Seattle, Wash.	General	4,073
Kishacoquillas [1]	30	30	Amer.	Com. Molasses Co.	Boston, Mass.	Honolulu, T. H.	Ballast	.....
BonningtonCourt[2]	30	30	Brit.	Canadian Transp. Co.	Montreal,Canada	Vancouver, B. C.	General	4,350
Naruto Maru [2]	30	30	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	General	6,969
Portland [2]	29	30	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	3,735
Smaragd	25	30	Nor.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	849
Ville de Verdun	30	30	Fr.	Messageries Marit'es	Marseille, France	Noumea, N. Cal.	General	2,071
Maria Cristina [3]	30	30	Pan.	A. Tagaropulos	Colon, R. P.	Real, R. P.	General	3
San Ambrosio [1] [2]	30	31	Brit.	Eagle Oil & Ship. Co.	Ellesmere, Eng.	Los Angeles, Cal.	Ballast	.....
El Mirlo [1] [2]	30	31	Brit.	C. T. Bowring & Co.	Birkenhead, Eng.	Lobitos, Peru	Ballast	.....
Belnor [2]	30	31	Nor.	Belships Co	Philadelphia, Pa.	Valparaiso, Chile.	General	954
Orotava	31	31	Hond.	United Fruit Co.	Galveston, Tex.	Pto. Arm'les, R.P.	Ballast	.....
Martin Bakke [2]	31	31	Nor.	K. Knutsen, O. A. S.	Haugesund, Nor.	Los Angeles, Cal.	Ballast	.....
Georgian	31	31	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,900
Anubis [2]	30	31	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Cebu, P. I.	([16])	6,585
Hermonthis [2]	31	31	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	4,173
Nuevo Panama [2]	30	31	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
Malantic	31	31	Amer.	C. D. Mallory Corp.	Savannah, Ga.	Los Angeles, Cal.	Ballast	.....
La Union [2]	30	..	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	30	31	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	29
Nathan [2]	30	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]	.....	20
Barge No. 5441	30	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]	.....	20
Pirate [3]	31	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [17]	.....	20
Harbledown	31	1	Brit.	Seaboard Ship. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Point Caleta	1	1	Amer.	Gulf-Pacific Line	Tampa, Fla.	Seattle, Wash.	General	6,000
Ruperra	31	1	Brit.	Anglo-Can. Ship. Co.	Cardiff, England.	Vancouver, B. C.	Ballast	.....
Tampico [1]	1	2	Ital.	Gibson & Co	London, England	Quendall, Wash.	Creosote	5,965
Gypsum Prince	1	1	Brit.	Gypsum Packet Co.	Philadelphia, Pa.	Chincha Is., Peru	Ballast	.....
Aequator [14]	13	3	Ger.	Exp. Shark & Sea Fish.	High seas	Pacific ocean	Ballast	.....
Nidardal	1	1	Nor.	S. S. Owners Oper. Co.	Manaure, Col.	Tumaco, Col.	Salt	2,813
City of Baltimore.	2	3	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,987
Silverash [2]	1	2	Brit.	Silver Line	Boston, Mass.	Hongkong, China	General	2,888
Chateau Thierry [8]	1	...	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	916
Harry Luckenbach	2	2	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	6,345

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [8] Transport. [9] Destroyer. [10] Minesweeper. [12] Cruiser. [13] Sailboat. [14] Fishing boat. [15] General, scrap iron. [16] General, oil, cotton. [17] For bananas and return to Cristobal, C. Z.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Bethore	2	2	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Port Caroline	2	2	Brit.	Port Line	Philadelphia, Pa.	Adelaide, Aust'lia	General	5,065
San Rafael	1	2	Amer.	Quaker Line	New York, N. Y.	Tacoma, Wash.	General	4,258
Santa Inez [2]	2	3	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	1,366
Bachaquero [1]	2	...	Brit.	West India Oil Co.	Aruba, N. W. I.	Balboa, C. Z.	Fuel oil	6,258
Goon [5]	...	...	Amer.	Post Ex., France Field	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Lt. Col. H. C. Schumm. [4]	31	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	
San Jose	2	3	Fr.	French Line	Havre, France	Vancouver, B. C.	General	4,979
Istmo	1	3	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	725
Frida	2	3	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,736
Temple Yard	2	3	Brit.	Seaboard Shipping Co.	Barry, England	Vancouver, B. C.	Ballast	
Svealand [2]	2	3	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Nebraskan	3	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,683
Wichita [2]	3	3	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Shanghai, China	General	3,822
William Strachan. [1] [2]	3	3	Nor.	Standard Oil of N. J.	Aruba, N. W. I.	SanAntonio, Chile	Fuel oil	9,219
Quito [2]	26	3	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	226
Nero [2]	2	3	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	127
Alkmaar	2	3	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	779
Anniston City	3	4	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	Steel, gen.	2,785
Toulouse [2]	3	4	Nor.	Maersk Line	Baltimore, Md.	Manila, P. I.	General	4,407
Falcon	3	4	Amer.	Grace Line	Baltimore, Md.	Valparaiso, Chile.	General	2,723
Clio [2]	2	4	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	188
Yorkmar	4	4	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,334
Masunda	4	4	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
Hanley	4	4	Amer.	Weyerhaeuser S.S. Co.	Norfolk, Va.	Loa Angeles, Cal.	General	2,806
Firmore	4	4	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Gemstone	4	4	Brit.	Anglo-Can. S. S. Co.	Cardiff, England	Vancouver, B. C.	Ballast	
Margaret Johnson. [2]	4	4	Swed.	Johnson Line	Malmo, Swed.	Vancouver, B. C.	Cement, gen.	4,271
Wyrm [5]	...	...	Amer.	V. W. Wirtz	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Herman Frasch	5	5	Amer.	Union Sulphur Co.	Pt. Sulphur, La.	Everett, Wash.	Sulphur	6,155
Absaroka	5	5	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	Steel, gen.	7,730
Helene Kulukundis.	4	5	Greek.	Anglo-Can. S. S. Co.	Rio de Janeiro, Brazil.	Vancouver, B. C.	Ballast	
El Aleto [1] [2]	6	6	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	La Libertad, Ecua	Ballast	
Adrastus	6	6	Brit.	Alfred Holt & Co.	Philadelphia, Pa.	Manila, P. I.	General	3,516
Rio de Janeiro Maru. [2]	6	7	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Argentina.	Kobe, Japan	Gen., cotton.	3,138
Jacob Luckenbach	6	6	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	5,192
Naumburg	6	6	Ger.	Hamburg-Amer. Line.	Galveston, Tex.	Auckland, N. Z.	Gen., oil	7,247
Leipzig [2]	6	6	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,805
Glorian [5]	...	...	Amer.	W. B. Boggs	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Orazio [2]	6	7	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	627
Elstree Grange	6	7	Brit.	Houlder Line, Ltd.	Liverpool, Eng.	Portland, Oreg.	Ballast	
Moana [6]	8	−28	Amer.	William Leeds	Habana, Cuba	South Sea Is.	Ballast	
Telde	7	7	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	
Remuera	7	8	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	4,710
Elisabeth Kellogg [1]	7	7	Amer.	Kellogg S. S. Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Salvador	30	7	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	806
Sinnington Court.	7	7	Brit.	Canadian Transp. Co.	Boca Gr'de, Fla.	N. Westm'er, B. C.	Phosphates	1,000
Lancaster Castle.	7	7	Brit.	Chile Nit. Sales Corp.	Rotterdam, Neth.	Tocopilla, Chile	Ballast	
Atheldchess [1] [2]	7	7	Brit.	Asano Bussan Co	Birk'head, Eng	Estero Bay, Cal.	Ballast	
Nuevo Panama [2]	6	7	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	100
Floridian	7	7	Amer.	Amer.-Hawaiian Line.	Bridgeport, Conn.	Portland, Oreg.	General	2,812
Trois Ilets	5	8	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	94
Sambu [2]	6	7	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	7
Pirate [3]	7	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		20
Nathan [2]	6	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		20
Lochkatrine [2]	7	8	Brit.	Royal Mail Lines, Ltd.	Rotterdam, Neth.	Vancouver, B. C.	General	861
Axel Johnson [2]	7	8	Swed.	Johnson Line	Norrk'ing, Swed.	Vancouver, B. C.	Paper, coffee.	3,152
Temple Moat	7	8	Brit.	Port Line, Ltd.	New York, N. Y.	Dunedin, N. Z.	General	2,825
Reginolite [1] [2]	8	8	Brit.	Standard Oil of N. J.	Aruba, N. W. I.	Tocopilla, Chile	Fuel oil	12,000
Republic [3]	7	9	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,649
Harpoon	8	8	Amer.	Shepard S. S. Co.	Albany, N. Y.	Tacoma, Wash.	General	5,810
Maria de Larrinaga.	8	8	Brit.	Miguel de Larrinaga S. S. Co.	Buenos Aires, Argentina.	Brit. Columbia	Ballast	
Sandhamn [2]	8	8	Swed.	Seaboard Ship. Co.	Landsk'na, Swed.	Brit. Columbia	Ballast	
Skramstad [2]	8	8	Nor.	Fern Line	Galveston, Tex.	Yokohama, Japan	General	7,003
Asbjorn [2]	8	8	Dan.	Holm & Wonsild	Norfolk, Va.	Los Angeles, Cal.	Ballast	
J-26 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
J-68 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
City of Newport News.	8	10	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	1,966
Santa Clara	8	9	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,827
Dallas City [2]	7	9	Brit.	Reardon-Smith Line.	Mobile, Ala.	Osaka, Japan	Pig iron	8,984
Gregalia	8	9	Brit.	Donaldson Line	Glasgow, Scotland	Vancouver, B. C.	General	957

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [13] For bananas and return to Cristobal, C. Z.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Vito [2]	8	9	Nor...	Kawasaki K. Kaisha.	Habana, Cuba...	Misumi, Japan..	Cotton, gen.	7,166
Kimikawa Maru [2]	9	9	Jap...	Kawasaki K. Kaisha.	New York, N. Y.	Tokuyama, Japan	(14)	8,495
Aobasan Maru [2]..	9	9	Jap...	Mitsui Bussan Kaisha	Philadelphia, Pa.	Yokohama, Japan	(15)	7,566
City of Canberra.	9	10	Brit...	Amer.-Australian Line	New York, N. Y.	Fremantle, Aust.	Gen., petrol.	4,333
Susan V. Luckenbach.	9	9	Amer..	Luckenbach Line....	Boston, Mass....	Seattle, Wash...	General.....	3,492
Pennsylvania Sun. [1] [2]	9	9	Amer..	Sun Oil Co.....	Chester, Pa.....	El Segundo, Calif.	Ballast.....	.....
West Notus.....	9	10	Amer..	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash...	Steel, gen...	2,645
Rose [2].....	9	9	Nor...	Anders Johre Rederi..	Flushing, Neth..	Vancouver, B. C.	Ballast.....	.....
Davila [1] [2].....	9	9	Brit...	Anglo-Saxon Pet. Co..	Curacao, N. W. I.	Los Angeles, Cal.	Ballast.....	.....
Porto Bello [3].....	9	9	Pan...	A. Tagaropulos.....	Colon, R. P.....	Real, R. P.....	General.....	3
Marken [2].....	9	10	Neth..	Rotterdam Lloyd....	Rotterdam, Neth.	Vancouver, B. C.	Ballast.....	.....
Ino [2].....	8	10	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	76
Cleodora [1] [2].....	9	10	Neth..	Petroleum Co., Ltd...	Curacao, N. W. I.	Los Angeles, Cal.	Ballast.....	.....
Nero [2].....	8	10	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z...	B'ventura, Col...	General.....	113
San Cipriano [1] [2].	10	10	Brit...	Eagle Oil & Ship. Co.	Curacao, N. W. I.	Valparaiso, Chile.	(16)	11,735
Arthur F. Corwin. [1] [2]	9	10	Brit...	Stand. Vac., Hongkong	Hamburg, Ger...	S. Francisco, Cal.	Ballast.....	.....
Arkansao.....	10	10	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General.....	3,981
Tuscaloosa City..	10	10	Amer..	Isthmian S. S. Lines.	Baltimore, Md...	Seattle, Wash...	General.....	3,267
O. A. Knudsen [2]..	10	10	Nor...	Anglo-Saxon Pet. Co.	Haugesund, Nor.	S. Francisco, Cal.	Ballast.....	.....
Istmo.....	9	10	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	740
Lt. Col. H. C. Schumm. [4]	8	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Balboa, C. Z....	Tow. barge..	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Amasis.....	10	12	Ger...	Hamburg-Amer. Line.	Corral, Chile....	Hamburg, Ger...	General.....	7,588
Brimanger [2].....	11	11	Nor...	Interocean S. S. Corp.	Tacoma, Wash..	Rotterdam, Neth.	(17)	6,931
Bradglen.....	11	11	Brit...	East Asiatic Co.....	Rashin, Korea...	Copenhagen, Den.	Soy beans...	8,153
Trois Ilets.....	11	12	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	264
Mobile City.....	11	11	Amer..	Isthmian S. S. Lines..	Hilo, T. H.....	Baltimore, Md...	Sugar, gen..	8,318
Tatsuno Maru...	11	11	Jap...	Nippon Yusen Kaisha	Manila, P. I.....	New Orleans, La.	Sugar, gen..	3,973
Cities Service Boston. [1]	11	11	Amer..	Cities Service Oil Co..	Pt. S. Luis, Calif.	New York, N. Y.	Crude oil...	13,910
Dorothy Luckenbach.	11	11	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	Lumber, gen.	8,602
Republic [8].....	9	12	Amer..	U. S. Army.....	Honolulu, T. H..	New York, N. Y.	Army stores.	680
Nero [2].....	11	13	Neth..	Royal Neth. S. S. Co.	Tumaco, Colom..	Cristobal, C. Z..	Coffee.....	564
Cerigo.....	12	14	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	1,134
Ville D'Amiens...	12	13	Fr....	Messageries Marit'es.	Noumea, N. Caled.	Marseille, France	General.....	5,573
Rialto [2].....	11	13	Ital...	Italia.....	Vancouver, B. C.	Trieste, Italy....	General.....	7,284
Hallaren [2].....	12	12	Swed..	Polarus S. S. Co.....	Los Angeles, Cal.	St. John, N. B...	Potash.....	4,880
Cedarbank [2].....	11	12	Brit...	Bank Line.....	Sydney, Australia	United Kingdom.	(18)	8,300
Welsh City.....	11	12	Brit...	East Asiatic Co.....	Rashin, Korea...	Aarhus, Den. [13]..	Soy beans...	8,824
Frida.....	12	12	Dan...	West Coast Line.....	Pimentel, Peru..	New York, N. Y.	(19)	2,637
Barbara [5].....	12	...	Amer..	L. L. Largent.....	Miraflores, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Benjamin Franklin. [2]	12	13	Nor...	Fred Olsen Line.....	Vancouver, B. C.	Oslo, Norway...	General.....	7,834
Istmo.....	12	14	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	732
Ino [2].....	13	14	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	257
Aobasan Maru [2]..	12	13	Jap...	Mitsui Bussan Kaisha	Iloilo, P. I.....	New York, N. Y.	Silk, gen....	7,952
Franz Klasen [1] [2].	13	13	Pan...	W. Tankschiff Rhed'i.	Talara, Peru....	Rotterdam, Neth.	(20)	16,575
Maria Cristina [2]..	13	13	Pan...	A. Tagaropulos.....	Darien, R. P....	Colon, R. P.....	(21)	7
H. M. Storey [1]...	13	14	Amer..	Standard Oil of Calif.	Estero Bay, Cal.	Havre, France...	Crude oil...	13,741
Sidney M. Hauptman.	14	14	Amer..	McCormick S. S. Co.	Los Angeles, Cal.	Norfolk, Va.....	Lumber, gen.	8,578
Point Lobos.....	14	14	Amer..	Swayne & Hoyt.....	Portland, Oreg...	Tampa, Fla.....	Lumber, gen.	6,279
San Simeon.....	14	14	Amer..	Quaker Line.....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	7,544
Havelland [2].....	14	15	Ger...	Hamburg-Amer. Line.	Cebu, P. I.....	New Orleans, La.	General.....	7,068
Llanashe.....	14	14	Brit...	E. T. Radcliffe & Co.	Suva, Fiji Is....	Lands End, Eng. [13]	Sugar.....	8,470
Osnabruck [2].....	14	15	Ger...	North German Lloyd.	Corral, Chile....	Hamburg, Ger...	General.....	5,706
Nevadan.....	15	15	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	General.....	5,749
Laila.....	15	15	Dan...	Wessel, Duval & Co..	Antof'gasta, Chile	New York, N. Y.	(22)	2,692
Santa Inez [2].....	15	15	Amer..	Grace Line.....	Chanaral, Chile..	New York, N. Y.	General.....	3,836
Tomislav.....	15	15	J.-Slav	Chile Nit. Sales Corp.	Iquique, Chile...	Azores. [13].....	Nit. of soda.	8,060
Borgestad [2].....	15	15	Nor...	Canadian Transp. Co.	Vancouver, B. C.	Great Yarmouth.	Lumber, gen.	5,748
Orion [1] [2].....	14	15	Nor...	Shell Oil Co.....	Los Angeles, Cal.	Curacao, N.W.I.	Diesel oil...	12,110
Lautaro [2].....	15	16	Brit...	Pacific Steam Nav. Co.	Tocopilla, Chile..	Liverpool, Eng..	Copper, gen.	5,903
British Columbia Express. [2]	15	15	Nor...	Fruit Express Line...	Los Angeles, Cal.	London, England	Fresh fruit..	2,310
Trondanger [2].....	15	16	Nor...	Interocean S. S. Co..	Portland, Oreg...	Rotterdam, Neth.	Grain, gen..	7,381
Lt. Col. H. C. Schumm. [4]	16	18	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	Tow. barge..	.....
Acajutla.....	16	23	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z..	General.....	483

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch [8] Transport. [13] For orders. [14] Cotton, pig iron. [15] Steel, gasoline, etc. [16] Gasoline and kerosene. [17] Wheat, lumber, general. [18] Copra, zinc ore. [19] Copper, silver, and gold ores. [20] Gasoline, kerosene, fuel oil. [21] Plantains, lumber. [22] Sugar, ore, lentils.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Derrymore	16	17	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	Hull, England	Grain,lumber	8,648
Tuira [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	58
Sona [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
La Union [2]	16	17	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	20
Sambu [2]	16	17	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	55
Valparaiso [2]	16	17	Swed.	Johnson Line	Valparaiso, Chile.	Halmstead, Swed	(15)	6,321
Rangitiki [2]	16	17	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England	Frozen, gen.	5,021
Port Halifax [2]	16	18	Brit.	Mont.-Aust.-N.Z.Line	Auckland, N. Z.	Montreal,Canada	Wool, gen.	2,196
Kentuckian	16	17	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	6,385
Hoegh Carrier [2]	17	17	Nor.	Leif Hoegh	Suva, Fiji Is.	United Kingdom.	Sugar	8,096
Hamakua	17	17	Amer.	Matson Nav. Co.	Honolulu, T. H.	Baltimore, Md.	(16)	7,698
Arizonan	17	17	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	7,550
Hagen	17	18	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	8,285
Actor [1] [2]	18	18	Pan.	Neptune Ship. Co.	Yokohama,Japan	Tampico, Mexico	Ballast	
Pacific Shipper [2]	18	18	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester,Eng.	General	7,814
Firmore	18	18	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,850
Nero [2]	18	21	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	218
J. L. Luckenbach	18	18	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,093
Svealand [2]	18	18	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Durazzo	18	21	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,063
Clio [2]	18	20	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(17)	162
Glorian [5]	18		Amer.	W. B. Boggs	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Pennsylvania	19	19	Amer.	Weyerhaeuser S. S. Co.	Warrenton, Oreg.	Newark, N. J.	Lumb.,paper	6,996
Mallard [4]	19		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Cacique	19	19	Amer.	Grace Line	Valparaiso, Chile.	Baltimore, Md.	(18)	3,698
Vermar	19	19	Amer.	Calmar S. S. Corp.	Astoria, Oreg.	Philadelphia, Pa.	Lumber	6,970
Uffington Court	19	19	Brit.	Canadian Transp. Co	Pt. Alberni, B.C.	Montreal,Canada	Lumber, gen.	6,900
Istmo	19	21	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	730
Asuku Maru [2]	19	20	Jap.	Nippon Yusen Kaisha	Yokohama,Japan	Boston, Mass.	Sugar, gen.	9,339
Slema City	20	20	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Avonmouth, Eng.	General	7,968
Steel Age	20	20	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Philadelphia, Pa.	(16)	8,550
Cities Service Ohio.[1] [2]	20	20	Amer.	Cities Service Oil Co.	Port Petrol, Cal.	New York, N. Y.	Crude oil	10,531
San Francisco	20	21	Fr.	French Line	Vancouver, B. C.	Havre, France	General	6,675
Annie Johnson [2]	20	21	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	5,780
Nagara Maru [2]	20	21	Jap.	Nippon Yusen Kaisha	Manila, P. I.	New York, N. Y.	Sugar, gen.	7,617
Maria Cristina [2]	20	20	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(19)	12
El Oso [1]	20	21	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesm're Pt., Eng.	Gasoline, oil.	10,082
Mersington Court	20	21	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores.[14]	Nitrates	7,300
Perene	20	22	Peruv.	Cia. Peruana de Vap'es	Callao, Peru.	Iquitos, Peru	General	1,094
Losada [2]	21	21	Brit.	Pacific Steam Nav. Co.	Coronel, Chile	Hull, England	General	8,560
Santore	21	21	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
Trois Ilets	21	22	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, wax	347
Olaf Bergh	17	22	Nor.	Seaboard Ship. Co.	N.Westm'er,B.C.	Philadelphia, Pa.	Lumber	3,562
Arimasan Maru [2]	21	22	Jap.	Mitsui Senpakubu	Manila, P. I.	New York, N. Y.	General	4,505
Ravnaas [2]	22	22	Nor.	Steamship Owners Operating Co.	Yavaros, Mexico.	Rotterdam,Neth.	Chick peas	6,456
Itauri	22	22	Ger.	Hamburg-Amer. Line.	Coronel, Chile	Hamburg, Ger.	General	7,741
Gracia	22	22	Brit.	Donaldson Bros.	Vancouver, B. C.	London, England	(20)	5,377
Lenda [2]	22	23	Nor.	Brit. Phosphate Co.	Ocean Islands	Gr'gem'th, Eng.	Phosphates	6,400
Turakina	22	22	Brit.	N. Z. Shipping Co.	Dunedin, N. Z.	Glasgow,Scotland	Frozen, gen.	4,923
Yamagiri Maru [2]	22	23	Jap.	Yamashita K. Kaisha.	Iloilo, P. I.	Buenos Aires,Arg.	Sugar, gen.	6,794
Kirisima Maru [2]	22	23	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	Houston, Tex.	General	8,581
L-41 [5]	22		Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Mathew Luckenbach.	22	23	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Mobile, Ala.	General	6,648
Golden Sun	23	23	Amer.	Matson Nav. Co.	Honolulu, T. H.	New Orleans, La.	(21)	8,926
Nuevo Panama [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	76
Timber Rush	23	23	Amer.	Shepard S. S. Co.	Seattle, Wash.	Boston, Mass.	Lumber,gen.	7,688
Santa Clara	22	23	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	Coffee, gen.	5,603
Silverbelle [2]	23	24	Brit.	Silver Line, Ltd	Belawan,Sumatra	Calcutta, India	Lumber,gen.	4,764
Sambu [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	46
Hororata	23	24	Brit.	N. Z. Shipping Co.	Bluff, N. Z.	London, England	Frozen, gen.	4,040
Missourian [2]	23	24	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,600
Lt. Col. H. C. Schumm.[4]	24	26	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	
Kiyokawa Maru [2]	24	24	Jap.	Kawasaki K. Kaisha.	Manila, P. I.	Houston, Tex.	Sugar, gen.	6,970
San Anselmo	24	24	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,071
Breda	24	25	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,591
Eleni	24	24	Greek.	Seaboard Ship. Co.	Vancouver, B. C.	Hull, England	Lumber	7,056
Lebore	25	9-4	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Izgled	24	25	J-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores.[14]	Nit. of soda	7,150
Winona	25	25	Amer.	Weyerhaeuser S. S. Co.	Portland, Oreg.	Norfolk, Va.	Lumber, gen.	7,225
Panaman	25	25	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	6,787
San Amado [1] [2]	25	25	Brit.	Eagle Oil & Ship. Co.	S. Francisco, Cal.	Lizard,England[14]	Gasoline	10,490
Weser [2]	25	26	Ger.	North German Lloyd.	Vancouver, B. C.	Bremen,Germany	General	8,597
S-42 [7]	25		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [14] For orders. [15] Salt, copper, general. [16] Canned pineapples. [17] Coffee, tagua, cacao. [18] Concentrates and general. [19] Plantains, lumber. [20] Grain, fruit, general. [21] Sugar, canned fruit.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
S-45 [7]	25	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-43 [7]	25	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Nero [2]	25	27	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	228
Sofie Bakke [2]	25	25	Nor.	Knut Knutsen, O.A.S.	Vancouver, B. C.	Belfast, Ireland	Lumber gen.	7,114
S-44 [7]	25	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-47 [7]	25	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Litiopa [1]	24	25	Nor.	Mexican Governm't	Guaymas, Mex.	Tampico, Mex.	Ballast	.....
Huntingdon	25	26	Brit.	Fed. Steam Nav. Co.	Opua, N. Z.	Glasgow, Scotland	Frozen, gen.	5,769
Smaragd	25	30	Nor.	Graee Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	814
Ino [2]	25	27	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	337
Portmar	25	26	Amer.	Calmar Line	Tacoma, Wash.	New York, N. Y.	Lumber	7,300
Quito [2]	26	9–3	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,254
Jersey City	26	26	Brit.	East Asiatic Co.	Rashin, Korea	Karlshamn, Swed.	Soy beans	8,848
Pennsylvania Sun,[1] [2]	26	26	Amer.	Sun Oil Co	El Segundo, Cal.	Marcus Hook, Pa.	Gasoline	17,565
Istmo	26	27	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	(15)	728
Patrick Henry	26	27	Amer.	Lykes Bros.-Ripley	Santo Nino, P. I.	New Orleans, La.	Sugar, gen.	10,039
U. S. Grant [3]	26	27	Amer.	U. S. Army	S. Francisco, Cal.	Brooklyn, N. Y.	Army stores.	298
Europa [2]	27	27	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den	Fruit, gen.	8,868
Imperial [2]	27	27	Chile	Cia. S. Amer. de Vap.	Corral, Chile	Hamburg, Ger.	General	5,236
Steel Maker	26	27	Amer.	Isthmian S. S. Lines	Honolulu, T. H.	Baltimore, Md.	(16)	8,221
Ekneren [2]	26	27	Swed.	General S. S. Corp.	Townsville, Aust.	London, England	(17)	8,609
Taranger [2]	27	27	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth	(18)	7,534
Alnmoor	27	27	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores.[14]	Nitrates	10,150
Caledonia [1] [2]	26	27	Nor.	Lorentzens Rederi Co.	Los Angeles, Cal.	Curacao, N.W.I.	Diesel oil	14,202
Pierre Claude [2]	27	27	Fr.	Lauritzen Line	S. Francisco, Cal.	Haifa, Palestine	Fruits, gen.	535
Krossfonn [1] [2]	27	27	Nor.	Pechelbronn	Cabo Bl'co, Peru.	Donges, France	Crude oil	13,327
Trois Ilets	27	28	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	264
American Robin	27	27	Amer.	Amer.-For. S.S. Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	6,912
Pan Gothia [1] [2]	27	27	Swed.	Standard Oil of N. J.	Talara, Peru	Aruba, N. W. I.	Gasoline	14,952
Orion [5]	27	...	Amer.	W. F. Daniels	Balboa, C. Z.	Gatun Lake, C.Z.	Ballast	.....
Miss No-Mer [5]	27	...	Amer.	Claud Anderson	M'fl'es Lake, C.Z.	Gatun Lake, C.Z.	Ballast	.....
Sappho [5]	27	...	Amer.	Al Meigs	M'fl'es Lake, C.Z.	Gatun Lake, C.Z.	Ballast	.....
Blue Bird [5]	27	...	Amer.	Ed Gormely	Balboa, C. Z.	Gatun Lake, C.Z.	Ballast	.....
Starcross	27	28	Brit.	Seaboard Ship. Co.	Victoria, B. C.	Grangem'th, Eng.	Lumber	7,020
Embassage	27	28	Brit.	Anglo-Can. S. S. Co.	Pt. Tahsis, B. C.	London, England	Lumber, gen.	7,755
California Express.[2]	27	28	Nor.	Fruit Express Line	S. Francisco, Cal.	London, England	Fresh fruit	1,012
Dallington Court [2]	27	28	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Garston, England	Lum., oatm'l	7,700
Lewis Luckenbach	28	28	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	11,771
Alaskan	28	28	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	5,937
Sir Osborn Holmden.[1] [2]	28	28	Nor.	Shell Oil Co	S. Francisco, Cal.	Curacao, N.W.I.	(19)	13,078
Niceto de Larrinaga.	28	28	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	Lum., grain	8,375
Bradburn	28	29	Brit.	Mitsui & Co	Dairen, China	Stettin, Germany	Soy beans	8,170
Daphnella [1] [2]	28	28	Brit.	Asiatic Pet. Co	S. Francisco, Cal.	Curacao, N. W.I.	Gasoline	11,570
Tai Yang [2]	27	29	Nor.	Barber-Wilhelmsen	Zamboanga, P. I.	Boston, Mass.	General	6,337
Maria Cristina [2]	27	28	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(20)	10
Point Chico	28	28	Amer.	Gulf-Pacific Line	Portland, Oreg.	Panama City, Fla.	Lumber, gen.	6,340
Narenta	28	29	Brit.	Royal Mail Lines, Ltd	Victoria, B. C.	Rotterdam, Neth.	Fruit, gen.	7,024
Cleodora [1] [2]	28	29	Neth.	Petroleum Co., Ltd.	Los Angeles, Cal.	Curacao, N.W.I.	Gasoline	11,247
Bidwell [1] [2]	28	29	Amer.	Pan-Amer. Ref. Corp.	Pt. S. Luis, Calif.	Baltimore, Md.	Crude oil	10,263
New Orleans [2]	29	30	Amer.	Roosevelt S. S. Co.	Fremantle, Aust.	Baltimore, Md.	Ore, gen.	5,342
Virgilio [2]	29	30	Ital.	Societa Italia	Valparaiso, Chile.	Genoa, Italy	General	3,748
Helga	29	30	Dan.	J. Lauritzen	Valparaiso, Chile.	New York, N. Y.	General	2,694
Tropic Star	29	29	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nit. of soda	8,271
Marore	30	30	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,500
Dresden [2]	29	30	Ger.	North German Lloyd.	Corral, Chile	Bremen, Germany	General	6,296
Nuevo Panama [2]	30	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	100
Hoxbar [1]	29	30	Amer.	Petrol Corp, L. Ang'es	Pt. Petrol, Calif.	New York, N. Y.	Crude oil	9,940
Charles R. McCormick.	30	30	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,295
Fortuna [2]	30	30	Pan.	A. Ferrari	Panama, R. P.	Colon, R. P.	Ballast	.....
Santa Maria [2]	30	30	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	5,065
Ionic Star	30	30	Brit.	Blue Star Line	N.Westm'er, B.C.	Newcastle, Eng.	Frozen, gen.	5,865
Kansan	30	30	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	7,891
Salvador	30	7	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	717
Herman F. Whiton	30	30	Amer.	Dutton Lumber Corp.	Portland, Oreg.	Camden, N. J.	Lumber	7,200
Vibran [2]	30	30	Nor.	Knut Knutsen Line	Los Angeles, Cal.	London, England	Fresh fruit	1,508
Real [2]	29	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	19
La Union [2]	30	31	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	22
Kaimoku	30	31	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	Sugar, gen.	8,112
Lt. Col. H. C. Schumm.[4]	31	2	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Pacific President [2]	30	31	Brit.	Furness, Withy & Co.	Vancouver, B. C.	London, England	General	8,115
Elwood [1]	30	31	Amer.	Shell Oil Co	Los Angeles, Cal.	Houston, Tex.	Oil, kerosene	10,150

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [8] Transport. [14] For orders. [15] Coffee, tobacco. [16] Canned pineapples. [17] Copra, lead, general. [18] Wheat, fruit, general. [19] Kerosene distillate. [20] Logs, plantains.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
San Cirilo [1] [2]	31	31	Brit.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	United Kingdom	Gasoline	11,472
Nordnes [2]	31	31	Nor.	Canadian-Gulf Lines	Powell Riv., B. C.	Houston, Tex.	(14)	7,281
Drafn [1] [2]	30	31	Nor.	Shell Oil Co.	S. Francisco, Cal.	Curacao, N.W.I.	Gas oil	11,202
Oregonian	31	31	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	7,178
Davila [1] [2]	31	31	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N.W.I.	Gasoline	11,474
Akagi Maru [2]	31	31	Jap.	Nippon Yusen Kaisha	Yokohama, Japan	Hamburg, Ger.	General	6,321
Saarland	31	2	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	8,177
San Angelo	31	1	Amer.	Quaker Line	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,699
Lillian Luckenbach	1	1	Amer.	Luckenbach Line	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	7,729
Bogota [2]	1	...	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,340
La Paz [2]	1	1	Brit.	Pacific Steam Nav. Co.	Antof'gasta, Chile	Hull, England	Sugar, gen.	8,557
Port Bowen	1	1	Brit.	Port Line	Pt. Pirie, N. Z.	London, England	Frozen, gen.	7,001
Charles Christenson.	1	1	Amer.	Arrow Line	Seattle, Wash.	Baltimore, Md.	Lumber	6,700
Istmo	1	3	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	734
Skeldergate	1	1	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	7,450
City of Hankow	1	2	Brit.	Mont.-Aust.-N.Z. Line	Brisbane, Aust'lia	Leith, Scotland	General	6,722
Chilore	2	2	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Clio [2]	1	4	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	340
Nero [2]	2	3	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, drum	249
Yomachichi [2]	2	2	Amer.	Roosevelt S. S. Co.	Adelaide, Aust'lia	Baltimore, Md.	General	5,752
Alamar	2	2	Amer.	Calmar Line	Seattle, Wash.	Philadelphia, Pa.	Lumber	7,079
Kaldfonn [1] [2]	2	2	Nor.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	14,311
Knute Nelson [2]	2	3	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	7,602
F. J. Luckenbach	2	3	Amer.	Luckenbach Line	Portland, Oreg.	New Orleans, La.	Lumber, gen.	7,020
Erviken	2	3	Nor.	Seaboard Ship. Co.	Pt. Alberni, B.C.	Philadelphia, Pa.	Lumber	7,381
Trelissick	2	3	Brit.	Kerr Gifford	Portland, Oreg.	United Kingdom	Wheat	7,483
Emma Bakke [2]	2	3	Nor.	Scand.-S. Pacific Line	Valparaiso, Chile	London, England	General	6,809
Port Hardy	3	4	Brit.	Port Line, Ltd.	Wellington, N. Z.	London, England	Frozen, gen.	6,149
Pacific	3	3	Amer.	Weyerhaeuser S.S. Co.	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	8,211
Orotava	3	3	Hond.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	1,110
Temple Mead	3	3	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nit. of soda	7,652
Panama [1] [2]	3	4	Pan.	Un. Marit. & Ship Co.	Pt. S. Luis, Cal.	Trieste, Italy	Crude oil	10,209
West Camargo	31	5	Amer.	McCormick S. S. Co.	Vancouver, B. C.	Buenos Aires, Arg.	Lumber, gen.	5,053
Maria Cristina [2]	3	3	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	9
Castor [1] [2]	3	3	Swed.	Standard Oil of N. J.	Talara, Peru	Halifax, N. S.	Crude oil	13,055
Torvanger	3	3	Nor.	Chile Nitrate, London	Tocopilla, Chile	Azores [13]	Nitrate	9,970
Assuan [2]	4	3	Ger.	Hamburg-Amer. Line.	Los Angeles, Cal.	Hamburg, Ger.	(16)	7,495
Orbita	4	4	Brit.	Pacific Steam Nav. Co.	San Antonio, Chile	Liverpool, Eng.	(17)	5,825
Corrientes	4	3	Brit.	Donaldson Line	Victoria, B. C.	Glasgow, Scot.	Fruit, gen.	5,509
Kastor	4	3	Greek.	Th. Stevenson & Son.	Stockton, Calif.	Hull, England	Barley	9,100
Kinai Maru [2]	4	4	Jap.	Osaka Shosen Kaisha	Dairen, China	Hamburg, Ger.	General	8,189
Amerikaland [2]	4	4	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,250
Minerva [2]	4	4	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Lake Charles, La.	Nitrate	9,400
Egyptian Reefer [2]	4	5	Dan.	J. Lauritzen	S. Francisco, Cal.	Rotterdam, Neth.	Fresh fruit	1,478
Chateau Thierry [8]	2	5	Amer.	U. S. Army	Balboa, C. Z.	New York, N. Y.	Army stores.	286
Santa Rita [2]	4	5	Amer.	Grace Line	Ant'fagasta, Chile	New York, N. Y.	(18)	3,632
Niel Maersk [2]	5	6	Dan.	A. P. Moller	Bugo, P. I.	New York, N. Y.	General	6,742
Jumna	5	5	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	Rotterdam, Neth.	(19)	8,280
Dalblair	5	5	Brit.	Elder Smith	Suva, Fiji Islands	United Kingdom	Sugar	7,531
City of Los Angeles.	5	6	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,818
Loosdrecht [1] [2]	5	5	Neth.	Wertschfliche Vorschings Ges.	Richmond, Calif.	Hamburg, Ger.	Gasoline	13,985
Trois Ilets	5	7	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	(20)	321
Californian [2]	5	6	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,235
Thrush [4]	6	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Washington [2]	5	6	Fr.	French Line	Valparaiso, Chile	Havre, France	General	8,856
Nuevo Panama [2]	6	7	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	64
Oakland [2]	6	7	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	6,266
Olney [1]	6	6	Amer.	Shell Oil Co.	Los Angeles, Cal.	Perth Amboy, N.J	Gasoline	8,425
San Antonio	6	7	Fr.	French Line	Vancouver, B. C.	Havre, France	General	6,483
Steel Inventor	6	6	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	New York, N. Y.	(21)	8,484
Solheim [1] [2]	6	6	Nor.	Shell Oil Co.	S. Francisco, Cal.	Curacao, N. W. I.	(22)	12,199
Sambu [2]	6	7	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Lady Glanely [2]	7	7	Brit.	Seaboard Shipping Co.	Stockton, Calif.	London, England	Barley, lum.	8,948
Katrina Luckenbach.	6	7	Amer.	Luckenbach Line	S. Francisco, Cal.	New York, N. Y.	General	7,504
Carica Milica	7	7	J-Slav.	Seaboard Shipping Co.	Pt. Alberni, B. C.	Hull, England	Wheat, lum.	8,844
Hindanger [2]	7	8	Nor.	Interocean S. S. Corp.	Portland, Oreg.	Rotterdam, Neth.	(23)	6,961
Komaki Maru [2]	7	8	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New Orleans, La.	General	8,042
Boskoop	7	9	Neth.	Royal Neth. S. S. Co.	Lebu, Chile	Hamburg, Ger.	General	7,868
Lt. Col. H. C. Schumm. [4]	8	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Pereira	7	...	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	557
Robert Luckenbach.	8	8	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,659

[1] Tanker. [2] Motor ship. [4] Tug. [8] Transport. [13] For orders. [14] Newsprint, shingles. [15] Lumber, plantains. [16] Soy beans, general. [17] Copper, cotton, sugar. [18] Copper, bananas, coffee. [19] Lumber, grain, general. [20] Coffee, vegetable wax. [21] Sugar, pineapples, canec. [22] Kerosene distillate. [23] Wheat, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Iowan	8	8	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,110
Nero [2]	8	10	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides.	256
Heina [2]	8	8	Nor.	Anglo-Can. S. S. Co.	Victoria, B. C.	Cardiff, Wales	Grain, lum.	7,014
Cerigo	8	...	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	(14)	894
Ino [2]	8	10	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(15)	347
Winslow [5]	8	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge.	.....
Steelore	9	9	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Gryfevale	8	9	Brit.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Azores [13]	Nit. of soda.	7,695
Cellina [2]	8	10	Ital.	Societa Italia	Vancouver, B. C.	Trieste, Italy	General	6,623
El Mirlo [1] [2]	9	9	Brit.	C. T. Bowring & Co.	Lobitos, Peru	Donges, France.	Crude oil	11,528
Washington Express. [2]	8	9	Nor.	Fruit Express Line	S. Francisco Cal.	Glasgow, Scot.	Fresh fruit.	1,750
Istmo	9	10	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	(16)	739
San Bernardino	9	9	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,600
Oakmar	9	9	Amer.	Calmar Line	Everett, Wash.	Baltimore, Md.	Lumber	5,835
Hawaiian	9	9	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	6,557
St. Mihiel [8]	8	10	Amer.	U. S. Army	S. Francisco, Cal.	Brooklyn, N. Y.	Army stores.	259
Nebraska	9	...	Brit.	Royal Mail Lines, Ltd.	Victoria, B. C.	Rotterdam, Neth.	General	7,089
Talaralite [1]	9	10	Brit.	Imperial Oil Co.	Talara, Peru	Halifax, N. S.	Crude oil	3,421
Steel Voyager	10	10	Amer.	Isthmian S. S. Lines.	S. Francisco, Cal.	Boston, Mass.	(17)	7,939
H. D. Collier [1]	10	10	Amer.	Standard Oil of Calif.	Richmond, Calif.	Hamburg, Ger.	Gasoline	10,663
Stjerneborg [2]	10	10	Dan.	C. K. Hansen	Pt. Alberni, B. C.	New York, N. Y.	Lumber	7,540
Telde	10	10	Hond.	United Fruit Co.	Pto. Arm'les, R. P.	Mobile, Ala.	Bananas	886
Dallas [9]	10	10	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....

[1] Tanker. [2] Motor ship. [5] Launch. [8] Transport. [9] Destroyer. [13] For orders. [14] Coffee, hides, cocoa. [15] Coffee, balsa wood. [16] Coffee, mineral. [17] Lumber, canned fruit.

Comparison of Traffic at the Suez and Panama Canals for the First Seven Months of the Calendar Years 1937 and 1938

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1937	1938	Increase	Decrease	1937	1938	Increase	Decrease
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
March	580	578	.....	0.4	536	506	.....	5.6
April	621	516	.....	16.9	473	487	3.0	.....
May	567	479	.....	15.5	544	465	.....	14.5
June	540	469	.....	13.1	472	445	.....	5.7
July	551	509	.....	7.6	457	429	.....	6.1
Total	3,958	3,603	.....	8.9	3,258	3,212	.....	1.4

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.75 per barrel at Cristobal and Balboa.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy

Location of Patients, and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings, and the visiting hours for the various wards and sections.

Section and Ward	Visiting Hours
Section "A:"	
Private and semiprivate rooms	Daily, 9:30–11 a. m.; 2–4:30 p. m.; 6:30–8 p. m.
Wards	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sunday and holidays, 9:30–11 a. m.; 2:00–4 p. m.
Section "B:"	
Ward 5, white American male, private and semiprivate rooms	Daily, 9:30–11 a. m.; 2–4:30 p. m.; 6:30– 8 p. m.
Ward 6, foreign male and female, private rooms; American girls	
Ward 7, white females, private rooms	
Ward 8, obstetrical department, white females	
Nursery	No visitors allowed.
Section "C:"	
Wards 9 (colored section), 11, 12, and 13	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Wards 9 (white section), 10, and 14	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m. Visitors to venereal cases in wards 13 and 14 will be limited to two members of patient's immediate family.
Section "D:"	
Wards 15 and 16	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m.
Wards 17, 19, and 20	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Ward 18	Daily. 9:30–11 a. m.; 2–4:30 p. m.
Isolation section	No visitors permitted except to adults to visit tuberculosis patients Thursday, Sunday, and holidays, 1:30–3 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Dispensary Hours

Location	Week days		Sundays and holidays
	Morning	*Afternoon*	*Morning*
Ancon	8:00–11:00	3:00–5:00	9:00–10:00
Balboa	8:00–11:00	3:00–5:00	9:00–10:00
Colon	8:00–11:00	3:00–5:00	8:00–10:00
Gatun	8:00–11:00	3:00–5:00	8:30– 9:30
Gamboa	8:00–11:00	3:00–5:00	9:00–10:00
Pedro Miguel	8:00–11:00	3:00–5:00	9:00–10:00

Gorgas Hospital Out-Patient Clinic Hours

	Daily, except Sundays and holidays	
	Morning	*Afternoon*
Medical Clinic	*11:00–12:00	*2:00–4:00
Branch Medical Clinic, by appointment only	8:00–12:00	1:00–4:00
(Consultations only on Saturday, 8–12 a. m.)		
Allergy Clinic, by appointment only, Thursday	.....	1:00–3-30
Surgical Clinic	.....	2:00–3:00
Eye, Ear, Nose and Throat Clinic, white patients	.....	*2:00–3:00
Eye, Ear, Nose and Throat Clinic, colored patients	*8:00–12:00	.....
X-Ray Clinic	8:00–12:00	1:00–4:00
Radio-Therapy Clinic	8:00–12:00	1:00–4:00
Hydro-Therapy Clinic	8:00–12:00	1:30–4:00
Silver Dental Clinic	8:00–12:00	1:00–4:00

* And by appointment.

Colon Hospital and Dispensary Clinic Hours

	Week days		Sundays and holidays
	Morning	*Afternoon*	*Morning*
Eye, Ear, Nose and Throat Clinic	10:30–12:00	*1:00–4:00	8:00–10:00
Gold Clinic	8:30–11:00	3:00–5:00	8:00–10:00
Silver Clinic	8:00–11:00	3:00–5:00	8:00–10:00
Surgical Clinic	.....	1:00–4:00	.....
Maternity and Children's	8:30–11:00	3:00–5:00	.....
Silver Dental Clinic	8:00–12:00	2:00–5:00	.....
X-Ray	11:00–12:00	2:00–3:00	.....

* Excepting Fridays

Visiting Hours, Colon Hospital

Section and Ward	Visiting Hours
Ward A, male, white (ward and semiprivate rooms)	Daily, 2 to 4 p. m.; 6:30 to 8 p. m.
Ward C, male and female, white (ward and private rooms) (No visitors allowed in nursery)	Daily, 2 to 4 p. m.; 6:30 to 8 p. m.
Ward B, female, colored (ward and semiprivate rooms)	Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p. m.
Ward E, male, colored	Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p. m.

Visiting Hours, Corozal Hospital for the Insane

Sundays, Wednesdays, and holidays:
9 a. m. to 10:30 a. m.
1 p. m. to 3:30 p. m.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.; 10 p. m.

From Panama: Daily, 7:05 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

Trips Through the Canal

The following lines operating passenger vessels through the Canal carry local passengers from one terminal to the other: Dollar Line, Grace Line, Hamburg-American Line, Johnson Line, Navigazione Generale Italiana, North German Lloyd, Pacific Steam Navigation Co., Panama Mail Steamship Co. The Panama-Pacific Line carries such passengers from Balboa to Cristobal only. The Hamburg-American Line, North German Lloyd, Panama Mail Line, Dollar Line, Grace Line, and Johnson Line, charge $6 for the trip, the others $10 for first-class passage. The Panama-Pacific Line has also a rate of $6 for tourist class. The several services together afford about 4 transits of the Canal each way every week.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

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Traffic Through the Panama Canal in September 1938

The total vessels of all kinds transiting the Panama Canal during the month of September 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	September 1936	September 1937	September 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	466	444	232	206	438
Small commercial vessels [1]	33	79	36	27	63
Noncommercial vessels:					
United States Government	17	28	27	19	46
Colombian Government	2	1	.....	.....	.....
For repairs	1	5	1	1	2
Total	519	557	296	253	549

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve months ended September 30, 1938, as compared with the twelve months ended September 30, 1937:

Month	No. of vessels		[3] Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
October	482	461	2,499,678	2,359,406	2,463,069	2,438,788	$2,081,758.23	$1,981,087.87
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	1,488,054.25	1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	[4]2,511,674	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	[4]2,438,985	2,652,880	2,279,235	2,067,026.68	1,961,456.58
May	544	465	2,839,127	[4]2,322,642	2,950,925	2,309,171	2,376,706.36	1,886,825.66
June	472	445	2,450,018	[4]2,227,698	2,670,466	2,122,389	2,070,337.89	1,801,291.78
July	457	429	2,395,306	[5]2,089,000	2,476,366	2,025,660	2,029,642.45	1,694,205.00
August	505	468	2,597,119	[5]2,345,000	2,780,603	2,171,674	2,195,308.87	1,890,050.74
September	444	438	2,312,725	[5]2,165,000	2,385,142	1,998,464	1,935,673.78	1,741,895.46
Total	5,398	5,453	27,605,610	27,351,959	28,377,465	25,939,611	23,166,675.94	22,335,414.80

[2] Ocean-going commercial traffic includes only toll-spaying vessels of 300 net tons or over, Panama Canal measurement.

[3] These figures indicate the Panama Canal net tonnage as determined under the rules of measurement in effect prior to March 1, 1938.

[4] The Panama Canal net tonnage for these four months as determined under the rules now in effect was as follows: March 1938, 2,311,526; April 1938, 2,258,836; May 1938, 2,150,228; June 1938, 2,064,793.

[5] Estimated tonnage under the former rules, based on total Panama Canal net tons as now measured, July 1938, 1,933,816; August 1938, 2,177,699, September 1938, 2,005,241.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of September 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	[6] Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	36	1,585	$1,309.32	446
Pacific to Atlantic	27	1,507	1,354.86	1,628
Total	63	3,092	2,664.18	2,074

[6] As measured under the present Panama Canal rules.

Traffic by Nationality of Vessels[7] for September 1938

	No. of transits	[8] Panama Canal net tonnage	Tolls	Tons of cargo
British	[9] 108	563,330	$487,002.06	454,089
Chilean	2	7,474	6,726.60	2,924
Danish	17	59,954	51,378.66	48,438
French	8	42,115	37,903.50	44,080
German	20	73,286	65,881.26	73,547
Greek	5	25,111	20,706.66	24,890
Honduran	8	12,972	10,507.32	3,946
Italian	5	26,869	24,182.10	16,540
Japanese	18	102,027	90,617.04	117,969
Netherland	22	58,356	50,543.82	51,396
Norwegian	54	251,355	210,144.24	249,329
Panamanian	17	29,130	23,207.94	19,678
Philippine	1	4,805	4,324.50	8,636
Swedish	13	59,550	50,486.22	82,334
United States	136	671,860	593,685.18	778,677
U. S. S. R.	1	3,358	3,022.20	5,447
Yugoslav	3	13,689	11,576.16	16,544
Total	438	2,005,241	1,741,895.46	1,998,464

[7] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[8] As measured under the present Panama Canal rules.
[9] Includes one naval vessel of 9,450 displacement tons.

Traffic by Trade Routes for September 1938

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated; hence, in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[10] Panama Canal net tonnage	Tons of cargo	No. of ships	[10] Panama Canal net tonnage	Tons of cargo
United States intercoastal	44	218,838	175,667	46	234,201	346,356
East coast United States and:						
Canada	1	4,963	1,000	4	18,708	32,273
Central America and Mexico	6	11,753	2,901	5	8,071	3,946
South America	20	82,017	17,138	17	66,467	176,017
Hawaiian Islands	2	9,058	3,291	5	24,487	40,039
Australasia	7	37,810	34,807	.....	.....	.....
Philippine Islands	7	39,298	27,945	9	49,456	70,904
Far East	15	76,084	115,829	.....	.....	.....
East coast Canada and:						
United States	2	10,490	8,009	.....	.....	.....
South America	.....	.....	.....	3	15,353	30,787
Australasia	2	10,604	11,132	4	18,625	23,477
Central America/Mexico intercoastal	.....	.....	.....	1	1,581	.....
East coast Central America/Mexico and Far East	.....	.....	.....	1	6,707	.....
South America intercoastal	3	6,948	6,728	1	1,619	.....
East coast South America and:						
United States	.....	.....	.....	1	4,572	5,608
Canada	4	18,695	7,845	1	4,551	5,462
Australasia	1	5,179	.....	.....	.....	.....
Far East	3	17,254	10,260	.....	.....	.....
Philippine Islands	.....	.....	.....	1	5,354	5,721
Cristobal and:						
Central America and Mexico	3	1,946	1,869	4	2,601	1,837
South America	13	7,628	4,276	16	9,527	9,557
West Indies and:						
United States	3	19,517	.....	2	11,905	24,438
South America	3	15,662	32,954	1	6,000	11,634
Balboa	1	3,054	6,258	1	3,054	.....
Europe and:						
United States	17	89,191	5,965	16	74,394	118,581
Canada	42	209,992	41,315	26	130,889	198,433
South America	20	119,449	33,295	23	117,677	192,438
Australasia	6	50,954	34,444	10	71,474	64,640
Far East	1	3,358	5,447	4	18,717	27,060
Egypt and South America	1	3,729	4,500	1	3,492	7,000
Africa and United States	.....	.....	.....	1	1,778	1,705
Around the world	.....	.....	.....	1	6,543	7,676
Foreign vessels in ballast (United States intercoastal)	3	12,905	.....	.....	.....	.....
Vessels not engaged in commerce	[11] 2	1,062	.....	[12] 1	.....	.....
Total	232	1,087,438	592,875	206	917,803	1,405,589

[10] As measured under the present Panama Canal rules. [11] Yachts. [12] Naval vessel.

Origin and Destination of Cargo by Major Areas

The following table summarizes the origin of cargo passing through the Canal in September 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	175,597	9,232	141,002	14,968	34,807	375,606
Other North America	11,056	9,955	10	45,010	11,132	77,163
Europe	29,064	15,870	5,447	26,368	34,444	111,193
Miscellaneous	7,513	210	10,106	11,084	.....	28,913
Total	223,230	35,267	156,565	97,430	80,383	592,875

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	350,312	34,242	232,586	13,558	630,698
Canada	22,921	1,999	81,586	2,501	109,007
Other North America	43,985	1,837	309	.....	46,131
South America	173,355	55,773	191,260	7,045	427,433
Australasia	6,828	18,431	62,858	.....	88,117
Asia	76,389	3,242	24,299	273	104,203
Total	673,790	115,524	592,898	23,377	1,405,589

Principal Commodities

Commodities which aggregated 10,000 or more tons either during September 1938, or in September 1937, are listed below:

Commodity	September		Commodity	September	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*		
Ammonium compounds	12,011	2,441	Asphalt and tar	11,487	12,582
Asphalt and tar	25,640	3,756	Barley	19,906	22,688
Automobiles and parts	25,816	15,255	Beans, edible, dry	16,914	10,134
Canned goods, various	14,924	14,427	Canned goods, various	159,640	136,477
Cement	20,929	11,338	Coffee	10,486	11,515
Coal and coke	16,961	7,212	Cold storage (food products) [13]	18,442	28,803
Corn	11,828	350	Cotton, raw	10,896	9,305
Cotton, raw	9,977	22,932	Flour	23,877	15,938
Iron and steel	194,541	96,182	Fruit, dried	24,714	31,214
Machinery	13,682	8,625	Fruit, fresh [14]	13,379	22,989
Manufactured goods	12,461	17,417	Guano	.....	17,100
Metals, various	77,298	52,326	Lumber	245,929	225,425
Oils, mineral	61,567	88,536	Metals, various	52,423	47,507
Ores	4,771	11,866	Nitrates	90,077	90,094
Paper	50,750	25,024	Oils, mineral	261,212	230,558
Phosphates	32,461	2,244	Oils, vegetable	15,284	7,866
Scrap metal	60,331	13,104	Ores, various	134,281	142,464
Slag	14,522	25	Paper	13,542	6,844
Sulphur	19,223	19,889	Rice	12,483	4,220
Tinplate	16,807	9,488	Rubber	12,220	2,247
Wood pulp	10,729	2,874	Sugar	160,347	115,582
.....	.....	.....	Wheat	16,823	82,166
.....	.....	.....	Wood pulp	27,568	12,193

[13] Except fresh fruit. [14] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of September 1938, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are com-

piled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	42	48
Agricultural implements	552	20	3,369	35
Alfalfa meal	.....	300	.....	735
Ammonium compounds	146	.....	2,441	.....
Animal foods [15]	65	127	65	127
Apparel, wearing (hats, shoes, clothing, etc.)	59	.....	623	105
Asbestos	502	.....	1,240	5
Asphalt and tar	204	10,801	3,756	12,582
Automobiles (and autotrucks)	648	14	9,338	26
Automobile parts and accessories	426	1	5,917	5
Bags and bagging, textile	244	3	433	3
Bamboo and products	.....	.....	.....	234
Bananas	.....	.....	.....	5,490
Barks, miscellaneous	.....	28	17	389
Barley	.....	108	5	22,688
Beans, edible, dry	75	3,350	75	10,134
Beer	.....	.....	325	.....
Blood and tankage	.....	.....	69	256
Bones and bone meal	.....	.....	946	.....
Books and printed matter	35	.....	89	.....
Borax	.....	996	.....	4,358
Bran and pollards	.....	.....	.....	2,679
Bricks and tile	481	.....	1,136	45
Camphor, crude	.....	.....	.....	60
Canned and preserved goods:				
Fish	750	17,881	952	36,185
Fruit	412	32,052	469	69,480
Meat	335	842	2,017	1,103
Milk	.....	200	374	500
Soup	5,614	.....	5,729	203
Vegetables	684	8,086	714	8,244
Miscellaneous and unclassified	3,896	15,949	4,172	20,762
Carbon black	.....	.....	471	.....
Celite	.....	917	.....	917
Cement	524	105	11,338	105
Chalk	.....	.....	625	.....
Charcoal	.....	.....	2	100
Chemicals [15]	3,197	607	7,989	1,103
Clay, china and fire	196	372	296	646
Clay, filtering	10	.....	10	122
Coal	1,554	.....	3,559	.....
Cocoa and cacao beans	96	.....	896	1,572
Coconuts and products [15]	143	624	369	1,340
Coffee	280	73	6,494	11,515
Coke	.....	.....	3,653	.....
Cold storage and refrigerated products:				
Dairy products	35	133	239	12,967
Eggs	.....	.....	.....	322
Fish	63	6	94	305
Lard	460	.....	584	4
Meats	.....	45	224	15,113
Poultry	.....	20	.....	20
Vegetables	.....	.....	.....	71
Other and unclassified	.....	.....	44	1
Confectionery	1,311	.....	1,386	.....
Copra	.....	.....	.....	4,548
Copra meal and cake	.....	70	.....	270
Corn	.....	.....	350	7,442
Cotton, raw	80	272	22,932	9,305
Creosote	17	.....	6,007	.....
Drugs and medicines	1,504	5	1,738	40
Dyes	.....	.....	.....	1
Earthenware	68	37	137	683
Eggs, dried	.....	.....	.....	20
Electrical apparatus and appliances	1,316	333	2,667	405
Enamelware and metalware	558	109	603	224
Explosives	.....	.....	702	6
Extract, quebracho	.....	.....	986	.....
Fertilizers [15]	30	864	127	1,315
Fish meal	.....	.....	.....	2,471
Floor coverings	2,154	946	2,328	1,109
Flour	185	13,375	5,624	15,938
Fruit, dried	52	18,727	68	31,214
Fruit, fresh [15]	204	2,786	266	22,989
Furniture and household goods	241	209	284	209

[15] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Gallnuts	.....	.....	.....	15
General	9,628	3,097	36,761	8,777
Glass and glassware	1,638	11	4,274	246
Glue	124	104	129	114
Grains, other and unclassified	.....	.....	29	.....
Groceries	1,260	37	1,667	478
Guano	.....	.....	.....	17,100
Gums	.....	60	.....	409
Hair, all kinds	71	73	76	517
Hay	13	564	27	664
Hemp, unmanufactured	.....	16	45	2,041
Honey	.....	180	.....	290
Horns and hoofs	.....	.....	.....	5
Infusorial earth	101	630	101	911
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	55,522	643	96,182	671
Ivory nuts	.....	.....	.....	1,634
Jute, unmanufactured	.....	.....	256	.....
Lard substitute	214	.....	214	.....
Lime	.....	.....	24	.....
Liquors	3,109	245	4,834	292
Lumber (including manufactured mill products)	2,775	122,913	6,150	225,425
Machinery	1,455	726	8,625	1,045
Malt	.....	.....	87	150
Manufactured goods [15]	11,587	1,638	17,417	2,600
Marble and granite	34	.....	910	.....
Matches	100	201	243	201
Metals:				
Antimony	.....	15	64	113
Copper	145	3,186	2,515	26,539
Gold and silver	.....	.....	.....	203
Iron	128	.....	48,635	15
Lead	.....	400	10	13,375
Tin	52	15	52	84
Zinc	85	.....	690	4,940
Other and unclassified	216	33	360	2,238
Milk, powdered	30	642	67	843
Molasses and syrups	215	37	368	1,032
Nitrate	3,052	.....	4,346	90,094
Nuts, edible (including meats)	.....	35	288	2,506
Oats	65	200	73	3,296
Oils, mineral:				
Crude	.....	12,494	13,095	103,492
Gas and fuel	.....	.....	15,872	6,205
Gasoline, benzine, and naphtha	.....	32,142	25,272	87,940
Kerosene	.....	.....	3,673	32,327
Lubricating and greases	17,479	331	30,624	594
Oils, vegetable:				
Coconut	.....	500	222	3,958
Cottonseed	170	.....	192	.....
Linseed	23	.....	171	.....
Olive	.....	.....	535	.....
Peanut	.....	.....	15	.....
Teaseed	.....	.....	.....	1,073
Wood	38	7	50	787
Other and unclassified	74	69	428	2,048
Oil, fish	93	.....	201	35
Oil, whale	.....	.....	.....	820
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	113	.....	5,130	1,175
Oilseed cake and meal	450	.....	450	6,233
Ores:				
Antimony	.....	.....	17	620
Copper	.....	314	8,027	4,675
Iron	2,056	.....	2,193	121,400
Lead	.....	.....	.....	3,178
Magnesite	.....	470	5	828
Manganese	23	.....	37	3,029
Tin	.....	21	.....	2,893
Zinc	.....	.....	.....	4,780
Other and unclassified	.....	.....	1,587	1,061
Paints and varnishes	1,030	254	2,422	380
Paper and paper products [15]	10,201	5,443	25,024	6,844
Peanuts	235	.....	235	88
Peas, dry	.....	369	.....	389
Peatmoss	.....	.....	403	.....
Phosphates	219	.....	2,244	.....
Plaster	.....	.....	77	.....
Porcelainware	364	263	871	1,183
Potash	.....	3,248	311	3,248
Pyrethrum flowers	.....	66	.....	188

[15] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rags and waste	207	64	1,012	184
Railroad material	.....	.....	3,950	25
Rice	273	.....	301	4,220
Rope and twine	364	88	539	147
Rosin	1,253	4	2,069	4
Rubber:				
Manufactured	837	42	1,414	92
Raw	81	.....	81	2,119
Scrap	.....	.....	365	36
Salt	119	222	6,031	222
Sand	931	.....	1,817	31
Scrap metal	432	66	13,104	267
Seeds (except oilseeds)	11	2,688	486	2,988
Shells, oyster	547	.....	547	77
Silk, raw	.....	194	16	2,013
Skins and hides	.....	973	1,316	4,372
Slag	.....	.....	25	.....
Slate	2,115	.....	2,115	.....
Soaps and products	1,413	61	1,447	188
Soda and sodium compounds:				
Soda ash	113	.....	1,150	.....
Soda, caustic	683	.....	2,314	.....
Miscellaneous and unclassified	630	.....	1,369	149
Soy beans	20	.....	20	7,495
Spices	113	.....	122	35
Sugar	10	8,905	829	115,582
Sulphur	6,155	.....	19,889	6,000
Talc	.....	175	.....	349
Tallow	16	319	128	1,968
Tea	93	18	311	1,237
Textiles [16]	3,027	10	7,171	860
Tinplate	577	303	9,488	781
Tobacco and manufactures	389	66	3,540	215
Toilet preparations	94	15	111	15
Turpentine	293	.....	712	.....
Vegetables, dry [15]	29	.....	129	227
Wall board	25	.....	346	1,117
Wax, paraffin	529	.....	1,955	74
Wheat	.....	98	.....	82,166
Wines	32	1,342	997	2,391
Wood pulp	576	9,741	2,874	12,193
Wool	17	1,833	478	4,523
Total, September 1938	175,597	350,312	592,875	1,405,589
Total, September 1937	200,108	417,564	890,103	1,495,039
Total, September 1936	272,244	450,009	834,741	1,691,625

[15] Except as otherwise classified. [16] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of September 1938, according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[17] Panama Canal net tonnage	Tons of cargo	No. of ships	[17] Panama Canal net tonnage	Tons of cargo
United States intercoastal	3	18,462	8,245	5	30,525	[19] 57,841
East coast United States and:						
Central America and Mexico	1	3,682	.....	.....	.....	.....
Far East	1	4,266	8,748	.....	.....	.....
East coast Canada and South America	.....	.....	.....	3	15,353	30,787
East coast Central America/Mexico and Far East	.....	.....	.....	1	6,707	.....
South American intercoastal	1	4,359	3,392	.....	.....	.....
West Indies and:						
United States	3	19,517	.....	2	11,905	24,438
South America	3	15,662	32,954	1	6,000	11,634
Balboa	1	3,054	6,258	1	3,054	.....
Europe and:						
United States	9	57,582	[18] 5,965	6	34,716	66,007
South America	4	27,251	.....	4	24,832	49,995
Total	26	153,835	65,562	23	133,092	240,702

[17] As measured under the present Panama Canal rules. [18] 5,965 tons of creosote. [19] Includes 10,745 tons of asphalt.

Comparison of Canal Traffic in September 1938, with September Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of September			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	53	[20] 217	323	1915	[21] 100	361	466
1915	98	349	464	1916	60	199	258
1916	149	503	644	1917	145	483	588
1917	174	570	723	1918	165	547	627
1918	173	522	547	1919	162	510	576
1919	168	586	638	1920	199	712	781
1920	247	1,007	1,009	1921	232	950	966
1921	216	924	754	1922	222	951	907
1922	238	1,070	1,138	1923	325	1,550	1,631
1923	409	2,044	2,168	1924	429	2,179	2,249
1924	391	1,975	2,112	1925	382	1,904	1,996
1925	380	1,830	1,891	1926	424	2,064	2,169
1926	431	2,185	2,238	1927	441	2,184	2,311
1927	524	2,531	2,396	1928	521	2,453	2,468
1928	482	2,294	2,312	1929	524	2,485	2,554
1929	502	2,423	2,431	1930	502	2,497	2,502
1930	446	2,312	2,058	1931	447	2,314	2,089
1931	385	2,069	1,753	1932	364	1,968	1,650
1932	338	1,867	1,345	1933	347	1,900	1,513
1933	385	2,095	1,795	1934	436	2,379	2,059
1934	435	2,332	2,142	1935	432	2,317	2,109
1935	391	2,095	1,994	1936	449	2,335	2,209
1936	466	2,428	2,526	1937	470	2,421	2,531
1937	444	2,313	2,385	1938	460	[23] 2,338	2,282
1938	438	[22] 2,165	1,998	([24])	458	[22] 2,275	2,141

[20] Canal opened August 15, 1914. [21] Average for 10½ months. [22] Estimated tonnage under Panama Canal rules in effect prior to March 1, 1938. [23] As measured under the rules in effect prior to March 1, 1938. [24] Average for 9 months of calendar year 1938.

Terminal Activities

Ships repaired during the month of September 1938 numbered 63, of this number 15 were drydocked. Fuel and Diesel oil in the quantity of 247,699 barrels was delivered as bunkers to 120 commercial ships. Bunker coal amounting to 4,849 tons was delivered to 15 commercial ships. Sales of commissary supplies to ships aggregated $25,196.58.

Cargo Handled at Terminal Ports, September 1938

	Cristobal	Balboa	Total
Local cargo arriving ... tons	21,092	8,304	29,396
Local cargo shipped ... tons	2,692	1,017	3,709
Cargo received for transshipment ... tons	40,189	708	40,897
Cargo transshipped ... tons	40,680	1,020	41,700
"Canal Zone for Orders" cargo:			
Number of receipts issued	7	2	9
Number of releases issued	35	9	44
Tons received	35	13	48
Tons withdrawn	22	8	30

All Vessels Entering and Clearing Port, September 1938

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	504	3,010,746	1,791,523	468	2,679,658	1,608,510
Vessels entering port but not transiting Canal	54	343,390	189,228	10	39,844	23,644
Vessels transiting Canal and handling passengers and cargo at terminal ports	136	809,326	485,586	97	630,903	371,404
Ships clearing						
All vessels, including those transiting Canal	498	2,959,169	1,762,016	467	2,667,830	1,603,305
Vessels clearing port but not transiting Canal	53	296,424	163,939	9	30,457	18,633
Vessels transiting Canal and handling passengers and cargo at terminal ports	134	801,321	480,539	95	620,390	365,367

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight September 10, 1938, to midnight October 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Socrates, 0, ½
Vinland, 375, 98
Schwaben, 61, 488½
Jamaica, 115, 378
Stella Lykes, 597, 311
Santa Paula, 155, 11
Cuba, 91, 2
Patria, 250, 74
Roda, 103, 404
San Marcos, 358, 8
City of San Francisco, 91, 0
Sawokla, 299, 0
Arizona, 21, 799
Laurits Swenson, 5¼, 144
Cefalu, 97, 742
Santa Lucia, 553, 9
Acajutla, 733, 594
San Pedro, 155, 6
Cuba, 0, 383
Pericles, 32, 33½
Mayari, 0, 396
Platano, 658, 0
Santa Maria, 170, 651¼
West Nilus, 7, 280
Norden, 342, 8
Trois Ilets, 350, 9
Nero, 237, 63
Istmo, 762, 248
Talamanca, 424, 1,317
W. S. Rheem, 16,889, 0
Miss C. B., 200 lbs., 0
Cristobal, 2,616, 638
Durazzo, 822, 308
Nozima Maru, 290, 0
Mantilla, 4,640, 0
Phoenicia, 0, 946
Scientist, 183, 0
Santa Marta, 522, 295
Clio, 565, 173
Pericles, 8, 967
Bodegraven, 77, 586
Port Antonio, 23, 520
Alabama, 493, 6
Loriga, 108, 0
Fella, 215, 5
Veragua, 11, 35
Santa Elena, 37, 0
Cordillera, 155, 53
Arminda, 184, 56
City of Norfolk, 174, 0
Laguna, 2, 31
Kansai Maru, 302, 338½
Santa Barbara, 286½, 1
Yamazuki Maru, 374, 0
Sambu, 0, 70
Contessa, 254, 574
Karnak, 109, 158
Pasajero, 0, 4
Musa, 880, 76 lbs.
Nuernberg, 72, 829
Lochmonar, 117, 5
Quirigua, 164, 547
Harvester, 1,025, 0
Trois Ilets, 264, 0
Delftdijk, 276, 92
Smaragd, 300, 0
Buenaventura, 2,099, 445
Istmo, 250, 613
Quito, 1,336, 0
Leikanger, 46, 540
Toloa, 598, 241
Deroche, 2,519, 0
Costa Rica, 79, 27
Ino, 516, 286
Bogota, 33, 347
Misoa, 6,651, 0
Santa Rita, 530, 25
Santa Rosa, 152, 57
Chiriqui, 58, 143
Santa Inez, 145, 5
Cordillera, 54, 556
Vancouver, 319, 333
San Simeon, 895, 35
Buenos Aires, 17, 507
Bogota, 0, 116
Margaret Lykes, 493, 229
Trois Ilets, 202, 27
Wisconsin, 754, 84
Cefalu, 271, 629
Tai Shan, 445, 0
Salvador, 239, 0
City of Baltimore, 181, 0
Orduna, 10, 298
Chilean Reefer, 37, 0
Platano, 469, 34 lbs.
Canada, 24, 211
Santa Lucia, 260, 112
Jamaica, 221, 320½
Colombia, 62, 48
Sona, 15, 0
De La Salle, 105, 845
Ancon, 2,481, 623
John Cabot, 0, 847¼
Amerika, 25, 0
Manoeran, 37, 0
Sixaola, 677, 199
Istmo, 577, 145
Gansfjord, 40½, 315
Morviken, 1,022, 16
Abraham Lincoln, 50½, 420
Costa Rica, 0, 875
Nero, 591, 0
Goslar, 0, 1
Helga, 0, 162
Quito, 0, 760
Friesland, 223, 0
City of Elwood, 177, 0
Planter, 166, 0
Nankai Maru, 405, 340
Cerigo, 1,292, 0
Clio, 590, 55
Talamanca, 19, 765
San Anselmo, 314, 34
Santa Paula, 275, 216
Seattle, 658, 411
Phrygia, 0, 656
Bennekom, 120, 1,602
Trois Ilets, 214, 0
Pereira, 102, 560
City of Newport News, 131, 0
Salvador, 0, 727
Orazio, 7, 210
Contessa, 779, 657
Duesseldorf, 171, 432
Peter Maersk, 25, 129
Santa Clara, 1,280, 20
Real, 0, 1
Nuevo Panama, 0, 175
Musa, 645, 12
San Francisco, 131, 0
Osnabruck, 148, 772
City of Delhi, 145, 10
Istmo, 701, 0
Santa Barbara, 660, 225
Veragua, 158, 910
Havelland, 10, 154
Este, 201, 374
Benjamin Franklin, 1, 287
Durazzo, 751, 389
Guayaquil, 1,816, 456
Reina del Pacifico, 134, 58
Drechtdijk, 342, 85
Nero, 0, 74
Rhakotis, 486, 186
Cerigo, 10, 591¾
Ulua, 582, 432
Eridan, 0, 16
San Francisco, 199, 425
Nuevo Panama, 0, 193
Manizales, 0, 408
Simon Bolivar, 15, 58
Santa Elena, 139, 1½
Quirigua, 8, 37
Samuel Bakke, 296, 0
Kattegat, 0, 1

BALBOA

Bachaquero, 6,258, 0
Chateau Thierry, 286, 68
City of Baltimore, 0, 88
Santa Inez, 105, 0
Falcon, 3, 0
Niel Maersk, 132, 0
St. Mihiel, 155, 116
Republic, 852, 236
City of Newport News, 0, 71
Santa Clara, 177, 1
Schwaben, 309, 7
Vinland, 660, 0
Pereira, 2, 0
City of San Francisco, 157, 0
Santa Lucia, 33, 0
Lauritz Swenson, 468, 0
Acajutla, 3, 0
Santa Maria, 191, 0
U. S. Grant, 118, 31
Chattanooga City, 12, 0
Bodegraven, 1007, 0
Cathwood, 10,020, 0
City of Norfolk, 127, 0
John Worthington, 1,051, 0
Canadian Constructor, 0, 482
Quito, 3, 0
Deroche, 491, 0
Cuba Maru, 107, 0
Amerikaland, 4, 0
City of Los Angeles, 0, 74
Santa Rita, 404, 0
City of Baltimore, 150, 0
Tai Shan, 216, 0
Buenos Aires, 0, 240
Salvador, 3, 0
Chilean Reefer, 138, 0
Aequator, 7, 0
Heiyo Maru, 90, 0
Santa Lucia, 113, 1
City of Elwood, 121, 0
City of San Francisco, 0, 74
U. S. S. Nitro, 422, 0
John Cabot, 0, 17
City of Newport News, 180, 7
Salvador, 0, 1
Peter Maersk, 240, 0
Santa Clara, 1, 10
Santa Barbara, 120, 18
Ulm, 0, 76

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

Ocean ship passengers disembarking at Canal ports during September 1938, numbered 2,737 at Cristobal and 1,018 at Balboa; embarking 2,164 at Cristobal and 1,033 at Balboa. Passengers passing through the Canal numbered 4,728 from the Atlantic to the Pacific, and 2,188 from the Pacific to the Atlantic. Aircraft numbering 48 entered Cristobal and 194 disembarked; clearances were 48, with 182 passengers embarking. At Balboa entries of aircraft numbered 49, with 134 passengers disembarking; clearances were 49 with 93 passengers embarking.

Revision of Telephone Directory

The copy for a revised telephone directory, to be issued as of January 1, 1939, will be sent to the Panama Canal Press November 15, 1938. All changes or corrections in the present directory should be forwarded to the Supervisor of Telephones, Balboa Heights, not later than November 1, 1938. Proof corrections will be made to December 1, 1938.

Movements of Ocean Vessels Through the Panama Canal

From midnight September 10, 1938, to midnight October 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
City of Glasgow	10	11	Brit	Mont.-Aust.-N.Z.Line	Montreal, Can.	Dunedin, N. Z.	General	5,000
Tolken	10	11	Swed.	Transatlantic S. S. Co.	Goth'burg, Swed.	Brit. Columbia	Ballast	
Washingtonian	10	11	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	2,607
Northleigh	11	11	Brit	Anglo-Can. S. S. Co.	Barry, England	Brit. Columbia	Ballast	
Jane Christenson	11	11	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	1,958
Norman Star	11	11	Brit	Blue Star Line	Newcastle, Eng.	Seattle, Wash.	Ballast	
Tigre [2]	11	11	Nor	Wilh. Wilhelmsen	Oslo, Norway	S. Francisco, Cal.	Ballast	
Leme [2]	10	11	Ital	Italia S. A. N.	Trieste, Italy	Vancouver, B. C.	General	1,632
Pacific Ranger [2]	11	11	Brit	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	369
Reina del Pacifico[2]	10	11	Brit	Pacific Steam Nav.Co.	Liverpool, Eng.	Valparaiso, Chile.	General	3,185
S-47 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-44 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Schwaben	11	12	Ger	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	5,392
Trondhjem [6]	8		Brit	P. T. Browning	Portsmouth, Eng.	Cocos Island	Ballast	
S-45 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-43 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-42 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Australian Reefer[2]	11	12	Dan.	J. Lauritzen.	Liverpool, Eng.	Seattle, Wash.	Ballast	
President de Vogue. [1] [2]	12	12	Nor	Comp. des Prod.Chimiques et Raff.deBerre	Marseille, France	Talara, Peru	Ballast	
Mostun [2]	12	12	Nor	Pac. Europe Coast	Rotterdam, Neth.	S. Francisco, Cal.	Ballast	
Vinland [2]	11	13	Nor	Scand. So. Pac. Line.	Oslo, Norway	Valparaiso, Chile.	General	2,155
Pereira	8	12	Pan	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	469
Yamakaze Maru [2]	12	12	Jap	Yamashita K. Kaisha	Buenos Aires, Arg.	Kobe, Japan	Cotton, gen.	5,139
Patria	12	13	Ger	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,099
Cerigo	8	13	Ger	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	583
Pirate [3]	12		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]		20
Retriever [13]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Dunlap [9]	13	16	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
Fanning [9]	13	16	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
San Marcos	12	13	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	5,291
Arizona	12	13	Fr	French Line	Havre, France	Talcahuano,Chile	Iron, gen.	1,389
Nordhval [2]	13	13	Dan	W. I. Trading Co.	New Orleans, La.	Los Angeles, Cal.	Ballast	
Mosfruit [2]	13	13	Nor	M. Mosvold	Goth'burg, Swed.	S. Francisco, Cal.	Ballast	
Kaikoura [2]	13	13	Brit	Mont.-Aust.-N.Z.Line	Montreal, Can.	Adelaide, Aust.	General	6,132
Laurits Swenson [2]	13	14	Nor	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	2,783
Steel Navigator	13	13	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Batavia, Java	Steel, gen.	6,655
Eli [2]	13	13	Nor	Anglo-Can. S. S. Co.	Antwerp, Belg.	San Pedro, Calif.	General	1,395
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gamboa, C. Z.	Ballast	
Rotorua	13	14	Brit	N. Z. Shipping Co.	London, England	Bluff, N. Z.	Iron, gen.	8,658
Golden Cloud	13	14	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H	Sulph., gen.	2,158
S-46 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Orotava	14	14	Hond.	United Fruit Co	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	
Dakotan	14	14	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,022
King William [2]	14	14	Brit	B. C. Shipping Co.	Cardiff, Wales	Brit. Columbia	Ballast	
Geddington Court	14	14	Brit	Canadian Transp. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
King Arthur [2]	14	14	Brit	J. J. Moore	Hull, England	Brit. Columbia	Ballast	
Real [2]	13		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	13		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
La Union [2]	13		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	13		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Motor Sailer			Amer.	U. S. Navy	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Nathan [2]	13		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]		
Mayari	14	15	Pan	United Fruit Co	Boston, Mass.	Puntarenas, C.R.	R. R. ties	2,901
Santore	14	15	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Point Lobos	15	15	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	Gen., steel	5,409
Pomona	15	15	Amer.	Pac. Coast Dir. Line.	New York, N. Y.	Tacoma, Wash.	General	4,919
Irisbank [2]	15	15	Brit	Andrew Weir & Co.	Baltimore, Md.	Shanghai, China	General	2,387
West Nilus	15	15	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	3,232
U. S. Grant [8]	15	16	Amer.	U. S. Army	New York N. Y.	S. Francisco, Cal.	General	267
Marore	15	15	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Santa Maria [2]	15	16	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,232
Loke [14]			Amer.	Oliver Peterson	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Dallas [9]	10		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Aconcagua	16	16	Chile	Cia.Sud.Amer.deVap.	Hamburg, Ger.	Valparaiso, Chile.	General	819
Laila	16	16	Dan	Wessel, Duval & Co.	New York, N. Y.	Talcahuano,Chile	General	1,821
Trois Ilets	15	16	Fr	French Line	Cristobal, C. Z.	B'ventura, Col.	General	8
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
L-41 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Porto Bello [3]	16	16	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Mataroa	16	17	Brit	Shaw, Savill & Albion	London, England	Pt.Chalmers,N.Z.	General	3,873
W. S. Rheem [1]	15	17	Amer.	Arrow Oil Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	
Istmo	15	17	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	425

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [6] Transport. [9] Destroyer. [13] Crane. [14] Sailboat. [15] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Felix Taussig	16	17	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	2,850
Dorothy Luckenbach.	17	17	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	5,041
Soloy [2]	16	17	Nor.	Erling H. Samuelsen.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Snestad [2]	17	17	Nor.	Fern Line	New York, N. Y.	Vladivos'ck, Rus.	(16)	6,751
Nevadan	17	17	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,803
Nero [2]	15	17	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	57
Bodegraven	17	18	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Valparaiso, Chile.	General	2,259
Ferncourt [1] [2]	17	18	Nor.	Fearnley & Astrup	Hamburg, Ger.	Talara, Peru	Ballast	
Mobile City	18	18	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	2,436
Hoxbar [1]	18	18	Amer.	Petrol Corp.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Cingalese Prince [2]	18	18	Brit.	Prince Line, Ltd.	Boston, Mass.	Saigon, China	General	3,975
Quinenco	18	18	Chile.	Schwager Coal Mines.	N. Shields, Eng.	Valparaiso, Chile.	Coal, gen.	2,105
Calmar	18	18	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,746
Trevanion [2]	18	21	Brit.	Hain S. S. Co.	Bangkok, Siam.	Queensl'd,N.S.W.	Ballast	
Helgoy [2]	18	18	Nor.	Erling H. Samuelsen.	Halifax, N. S.	Los Angeles, Cal.	Ballast	
Fella [2]	18	18	Ital.	Italian Line	Trieste, Italy	Vancouver, B. C.	General	1,570
Hi Winni [13]			Amer.	F. Wirtz	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Doric Star	19	19	Brit.	Shaw, Savill & Albion	London, England	New Zealand	General	4,742
British Columbia Express. [2]	18	19	Nor.	Fruit Express Line	London, England	Los Angeles, Cal.	Ballast	
Chilore	19	19	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Durazzo	15	19	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	139
Lieut. Col. H. C. Schumm. [4]	18		Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	(17)	
Acajutla	13	20	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	594
Laguna [2]	19	20	Brit.	Pacific Steam Nav.Co.	Hull, England	Valparaiso, Chile.	General	3,084
Nore [1] [2]	19	20	Pan.	Anglo-Saxon Pet. Co.	Newcastle, Eng.	Los Angeles, Cal.	Ballast	
Hamakua	20	20	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	General	1,133
Gannet [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Thrush [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Mathew Luckenbach.	20	20	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	7,139
H. M. Storey [1]	21	21	Amer.	Standard Oil of Calif.	Havre, France	Los Angeles, Cal.	Ballast	
Tropic Star [2]	21	21	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile.	Ballast	
Nuevo Panama [2]	20	21	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Darien, R. P.	Ballast	
Anna Maersk [2]	21	21	Dan.	Isbrandtsen Moller.	Baltimore, Md.	Manila, P. I.	General	6,950
Telde	21	21	Hond.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les,R.P.	Ballast	
Arizonan	21	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,578
Trondanger [2]	21	21	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Portland, Oreg.	Ballast	
Neptunian [2]	21	21	Brit.	Jefferson Lake Oil Co.	Freeport, Tex.	Newcastle,N.S.W.	Sulphur	8,451
Real [2]	20		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pirate [3]	21		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]		20
Nathan [2]	20		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [15]		20
Sambu [2]	20	21	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto.Arm'les,R.P.	General	78
Nurnberg [2]	21	22	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	4,463
Lochmonar [2]	21	22	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	2,609
Ward [2]	21	22	Amer.	Amer.-Pioneer Line	Philadelphia, Pa.	Adelaide, Aust.	General	3,266
Trontolite [1] [2]	21	22	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	Gasoline	3,392
San Calisto [1] [2]	22	22	Brit.	Eagle Oil Co	Plymouth, Eng.	Martinez, Calif.	Ballast	
Amerikaland [2]	22	22	Swed.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	
Greystoke Castle [2]	22	22	Brit.	Barber Line	New York, N. Y.	Yawata, Japan	(18)	5,144
Athelsultan [1] [2]	22	22	Brit.	Assan Bussan & Co.	London, England	Los Angeles, Cal.	Ballast	
J-62 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Harvester [1]	22	23	Amer.	Texas Oil Co.	Pt. Arthur, Tex.	Los Angeles, Cal.	(19)	8,245
Pennsylvania	23	23	Amer.	Pac. Coast Direct Line	Norfolk, Va.	Los Angeles, Cal.	(20)	3,521
Trois Ilets	22	23	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Service [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Porto Bello [2]	23	23	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Leikanger	23	24	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	4,613
Istmo	22	24	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	Gasol'e, gen.	720
Franz Klasen [1] [2]	24	24	Pan.	W. Tankschiff Rhed'i.	Hamburg, Ger.	Talara, Peru	Ballast	
Willamette Valley [2]	24	24	Brit.	Australian Disp. Line.	Falmouth, Eng.	Brit. Columbia	Ballast	
Brimanger [2]	24	24	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Dalhanna	24	24	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Gretavale	24	24	Brit.	Chile Nit. Sales Corp.	Alexandria,Egypt	Valparaiso, Chile.	Cotton seed.	4,500
Bogota [2]	24	24	Ger.	North German Lloyd.	Barranquilla, Col.	Guayaquil, Ecua.	(21)	523
Miramar [5]	23		Pan.	C. J. Samuels	Cristobal, C. Z.	Gatun, C. Z.	(22)	
No. 3680 [14]	23		Pan.	C. J. Samuels	Cristobal, C. Z.	Gatun, C. Z.	Bananas	
Lieut. Col. H. C. Schumm. [4]	23		Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	(23)	
City of Los Angeles	24	25	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	3,135
Misoa [1]	24		Brit.	Lago Shipping Co.	Aruba, N. W. I.	Balboa, C. Z.	Drydocking	
Kim [2]	24	27	Rus.	U. S. S. Republics	Leningrad, Rus.	Nogaew, Russia	General	5,447
Nagara Maru [2]	24	25	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Gas, steel	8,335
Moveria [2]	24	25	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	938

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [10] Mine sweeper. [13] Sailboat. [14] Barge. [15] For bananas and return to Cristobal. [16] Scrap iron, tinplate. [17] Towing barge No. 205. [18] General, scrap steel. [19] Gasoline and petroleum products. [20] Oil, steel, general. [21] General, flour, gasoline, etc. [22] Towing barge No. 3680. [23] Towing barge No. 45.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Clio [2]	16	25	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	157
Marija Petronovic	24	25	J-Slav.	Chile Nit. Sales Corp.	Terneuzen, Neth.	Tocopilla, Chile	Ballast	.....
Viking Star	25	25	Brit.	Blue Star Line	London, England	Vancouver, B. C.	Ballast	.....
J. L. Luckenbach	25	25	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,620
Kongsgaard [1] [2]	24	25	Nor.	Skibsaksjesels	Killingholme, Eng	Estero Bay, Cal.	Ballast	.....
Port Townsville [2]	25	25	Brit.	Port Line	Liverpool, Eng.	N.Plymouth, N.Z.	General	6,979
Pacific Grove [2]	25	26	Brit.	Furness, Withy & Co.	Manchester, Eng.	Portland, Oreg.	General	383
Elisabeth Bakke [2]	26	26	Nor.	Knutsen Line	Goth'burg, Swed.	Vancouver, B. C.	Ballast	.....
Santa Rita [2]	25	27	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	1,528
Sidney M. Hauptman.	26	29	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash.	General	4,463
Minerva [2]	26	26	Nor.	Chile Nit. Sales Corp.	Tampa, Fla.	Tocopilla, Chile	Ballast	.....
Knoxville City	26	26	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	Gen., steel	3,583
Steelore	26	26	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Missourian [2]	26	26	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,420
Ferndale [2]	27	27	Nor.	Fern Line	Mobile, Ala.	Moji, Japan	General	7,131
Buenos Aires [2]	26	28	Swed.	Johnson Line	Limhamn, Swed.	Valparaiso, Chile	General	757
Kentuckian	27	27	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	4,093
Vancouver	26	27	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	4,697
Scottish Star	27	27	Birt.	Blue Star Line	Newcastle, Eng.	Vancouver, B. C.	Ballast	.....
Nyhorn [2]	27	27	Nor.	Knutsen Line	Belfast, Ireland	Vancouver, B. C.	Ballast	.....
Tilsington Court	27	27	Brit.	Seaboard Ship. Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
San Simeon	26	28	Amer.	Quaker S. S. Line	Jacksonville, Fla.	San Diego, Calif.	General	4,155
Norman Monarch	27	28	Brit.	Canadian Transp. Co.	Botwood, Nfld.	Tacoma, Wash.	Concentrate	8,009
Arimasan Maru [2]	27	28	Jap.	Mitsui B. Senpakubu.	Philadelphia, Pa.	Moji, Japan	General	8,201
Stensby	27	28	Dan.	A/S Motortramp	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Orotava	28	28	Hond.	United Fruit Co.	Mobile, Ala.	Pto.Arm'les, R.P.	Ballast	.....
Ferncliff [2]	28	28	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Iquique, Chile	Ballast	.....
Trois Ilets	27	28	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	27
Yamabiko Maru	28	28	Jap.	Yamashita K. Kaisha	Buenos Aires, Arg.	Kobe, Japan	Cotton, tin	1,983
Wisconsin	27	28	Fr.	French Line	Havre, France	Vancouver, B. C.	General	2,737
Sambu [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
La Union [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	26	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Orduna	28	29	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile	General	1,269
Point Chico	28	29	Amer.	Gulf-Pacific Line	Houston, Tex.	Seattle, Wash.	General	5,556
Kiyokawa Maru [2]	28	29	Jap.	Kawasaki K. Kaisha.	New York, N. Y.	Kobe, Japan	Gen., cotton	8,745
Panaman	29	29	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,448
Rangitiki [2]	29	30	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	5,482
Ridley [2]	29	29	Brit.	W. F. Rountree Co.	Mobile, Ala.	Yokohama, Japan	Pig iron	8,500
Hartismere	29	29	Brit.	J. & C. Harrison	Tyne, England	Vancouver, B. C.	Ballast	.....
Ellin	28	29	Greek.	S. G. Embiricos	Rotterdam, Neth.	Brit. Columbia	Ballast	.....
Armadale [2]	29	29	Brit.	Amer.-Australian Line	New York, N. Y.	Sydney, Aust'lia	General	3,620
Santa Lucia	29	30	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,719
Colombia [2]	29	30	Swed.	Johnson Line	Goth'burg, Swed.	Vancouver, B. C.	General	2,298
Evita [1] [2]	29	30	Nor.	Iino Shoji Kaisha	Texas City, Tex.	Dairen, China	Av. gasoline	8,748
Olympia Maru [2]	30	30	Jap.	Mitsubishi Trad. Co.	Philadelphia, Pa.	Kobe, Japan	(14)	8,405
Amerika [2]	30	30	Dan.	East Asiatic Co.	Copenhagen, Den	Vancouver, B. C.	General	383
Sona [2]	29	..	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Porto Bello [3]	30	30	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Nitro [13]	29	5	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	General	2,803
John Cabot	29	1	Brit.	Grace Line	San Juan, P. R.	Champ'ico, Guat.	General	887
Leise Maersk [2]	30	1	Dan.	A. P. Moller	Habana, Cuba	San Diego, Calif.	Ballast	.....
Everleigh	30	1	Brit.	Atl. Ship. & Trading	Barry, England	North Pacific	Ballast	.....
Anglo Canadian [2]	30	1	Brit.	Lawther, Latta & Co.	Liverpool, Eng.	Brit. Columbia	Ballast	.....
J. H. Senior [1] [2]	1	1	Pan.	Standard Oil of N. J.	New York, N. Y.	Talara, Peru	Ballast	.....
Ino [2]	23	1	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	260
Canonesa	1	1	Brit.	Furness-Pacific Line	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
City of San Francisco.	1	2	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,515
Istmo	30	1	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	280
American Robin	1	1	Amer.	McCormick S. S. Co.	Albany, N. Y.	Tacoma, Wash.	(15)	3,846
Vermar	1	1	Amer.	Calmar Line	Philadelphia, Pa.	Seattle, Wash.	Steel, gen.	5,495
Goslar	1	2	Ger.	North German Lloyd.	Tampico, Mexico.	Brisbane, Aust'lia	Asphalt, gen.	7,978
Alaskan	1	2	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,645
Winona	2	2	Amer.	Weyerhaeuser S.S. Co.	New York, N. Y.	Tacoma, Wash.	General	2,933
El Ciervo [1]	2	2	Brit.	R. Peracca	Trinidad, B.W.I.	La Libertad, Ecua	Ballast	.....
Timber Rush	2	2	Amer.	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash.	General	5,355
Helga	1	2	Dan.	J. Lauritzen	New York, N. Y.	Talcahuano, Chile	General	1,741
Nero [2]	1	...	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Balboa, C. Z.	Drydocking	.....
Silverteak	2	2	Brit.	Kerr S. S. Co.	New York, N. Y.	Hongkong, China	General	5,996
Erviken	2	3	Nor.	Dant & Russell	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Hertford	2	3	Brit.	Fed. Steam Nav. Co.	Glasgow, Scot.	Brisbane, Aust'lia	General	5,063
Steel Age	2	3	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Steel, gen.	3,010
California Express.[2]	3	3	Nor.	Fruit Express Line	London, England	Seattle, Wash.	Ballast	.....
Thalatta [2]	3	3	Nor.	W. Wilhelmsen Line	Mobile, Ala.	Moji, Japan	(16)	8,650

[1] Tanker. [2] Motor ship. [3] Motor schooner. [13] Auxiliary. [14] Pig iron and machinery. [15] Steel, sand, general. [16] Pig iron, rosin.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Eleni Stathatos	3	3	Greek	General S. S. Corp.	Cardiff, Wales	S. Francisco, Cal.	Ballast	.....
Duala [2]	3	3	Nor.	East Asiatic Co.	Goth'burg, Swed.	Seattle, Wash.	Ballast	.....
San Anselmo	3	3	Amer.	Quaker Line	New York, N. Y.	Tacoma, Wash.	General	5,347
F. J. Luckenbach	3	3	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	7,916
Thistleford	3	4	Brit.	Andrew Weir & Co.	Barry, England	Brit. Columbia	Ballast	.....
Lewis Luckenbach	3	4	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	4,997
Kaimata [2]	3	4	Brit.	Mont.-Aust.-N.Z.Line	Montreal,Canada	Bluff, N. Zealand	General	6,327
Castor [1] [2]	4	4	Swed.	Standard Oil Co.	Caripito, Venez.	Tocopilla, Chile	([14])	13,041
Mokihana	4	4	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	General	1,121
Montevideo Maru[2]	4	5	Jap.	Osaka Syosen Kaisya	BuenosAires,Arg.	Kobe, Japan	General	4,409
El Oso [1]	4	5	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	LaLibertad,Ecua.	Ballast	.....
Quito [2]	1	4	Ger.	North German Lloyd.	Cartagena, Col.	Guayaquil, Ecua.	General	536
Hoegh Carrier [2]	4	5	Nor.	A/S Arnstein	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
Salvador	27	4	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	727
Uffington Court	4	5	Brit.	Canadian Transp. Co.	Montreal,Canada	Vancouver, B. C.	General	4,444
Vibran [2]	5	5	Nor.	Knutsen Line	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
Scottish Heather [1]	5	5	Brit.	Standard Oil of N. J.	Aruba, N. W. I.	Iquique, Chile	Fuel oil	10,223
Sofie Bakke [2]	5	5	Nor.	Knut Knutsen, O.A.S.	Belfast, Ireland	Vancouver, B. C.	Ballast	.....
Nuevo Panama [2]	4	5	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto.Arm'les, R.P.	General	180
Birmingham City	5	6	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Hilo, T. H	Steel, gen.	2,210
Real [2]	4	...	Pan.	Elliot Ship & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Miramar [5]	5	...	Pan.	C. J. Samuels	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
No. 3680 [13]	5	...	Pan.	C. J. Samuels	Cristobal, C. Z.	Gatun, C. Z.[15]	.....	10
Crusader [6]	5	6	Amer.	A. K Macomber	S'ampton, Eng.	Galapagos Is.	Ballast	.....
Bennekom	3	6	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,664
Oregonian	6	6	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,204
Carlton	6	6	Brit.	Empire Ship. Co.	Barry, England	S. Francisco, Cal.	Ballast	.....
Osnabruck [2]	5	6	Ger.	North German Lloyd.	Bremen,Germany	Valparaiso, Chile	General	4,105
Santa Barbara [2]	6	7	Amer.	Grace Line	New York, N. Y.	SanAntonio,Chile	General	1,869
Primero [2]	6	6	Nor.	W. F. Rountree Co.	Mobile, Ala.	Yokohama,Japan	Pig iron	7,200
Havelland [2]	6	7	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Cebu, P. I.	General	8,559
Benj. Franklin [2]	6	7	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	2,905
Tokai Maru [2]	6	7	Jap.	Osaka Syosen Kaisya.	Hamburg, Ger.	Dairen, China	([16])	7,567
Tatuno Maru	7	7	Jap.	Nippon Yusen Kaisya	New Orleans, La.	Kobe, Japan	Gen., rosin	8,509
Tai Yang [2]	7	7	Nor.	Barber-Wilhelmsen.	Philadelphia, Pa.	Moji, Japan	General	5,888
Vestvard [2]	7	7	Nor.	Hasegawa Boeki K.	Baltimore, Md.	Yokohama,Japan	Scrap iron	7,000
Ammon	7	8	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso,Chile.	General	6,658
Porto Bello [3]	7	7	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Nathan [2]	7	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[15]	.....	20
City of Norfolk	8	8	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	1,882
Drechtdijk [2]	7	8	Neth.	N. Pac. Coast Line	Rotterdam,Neth.	Vancouver, B. C.	General	1,094
Lillian Luckenbach.	7	8	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	2,930
Alphard [2]	8	8	Neth.	Van Nievell Gondrian	Rotterdam,Neth.	Vancouver, B. C.	Ballast	.....
Trois Ilets	3	8	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	Ballast	.....
Kansan	8	8	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	3,296
Charles R. McCormick.	8	8	Amer.	McCormick S. S. Co.	Norfolk, Va.	Los Angeles, Cal.	General	3,704
Fernwood [2]	8	8	Nor.	Hasegawa Kaisha	Boston, Mass.	Yawata, Japan	Scrap iron	7,599
Nero [2]	7	8	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	70
Cordillera	7	8	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B. C.	Ballast	.....
Cerigo	7	9	Ger.	Hamburg-Amer. Line.	Barranquilla,Col.	B'ventura, Col.	Gen.,gasoline	410
Fordsdale	8	9	Brit.	Shaw, Savill & Albion	London, England	Nelson, N. Z.	General	9,475
Miramar [5]	7	...	Pan.	C. J. Samuels	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
No. 3680 [13]	7	...	Pan.	C. J. Samuels	Cristobal, C. Z.	Gatun, C. Z.[15]	.....	10
Eridan [2]	8	9	Fr.	Messageries Mariti'es.	Marseille, France	Noumea,N.Caled	General	1,579
Rugeley [2]	8	9	Brit.	Mont.-Aust.-N.Z.Line	Pt. Alfred, Can.	Brisbane, Aust.	Newsprint	5,555
Sally Maersk [2]	8	9	Dan.	A. P. Moller	New York, N. Y.	Moji, Japan	Scrap iron	4,566
Clio [2]	9	9	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	50
Steelmaker	9	9	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	Steel, gen.	2,467
Hoegh Merchant [2]	8	9	Nor.	Leif Hoegh	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Ulm [2]	9	10	Ger.	North German Lloyd.	Bremen,Germany	Los Angeles, Cal.	General	655
Santa Clara Valley.[2]	9	9	Brit.	Mitsubishi Shoji K.	Pt. Tampa, Fla.	Fushiki, Japan	([17])	8,118
San Francisco	8	9	Fr.	French Line	Havre, France	Vancouver, B. C.	([18])	815
Frimaire [1]	8	9	Fr.	Co. Nac. de Nav.	Marseille,France.	Talara, Peru	Ballast	.....
Taranger [2]	9	9	Nor.	Intercocean S.S. Corp.	Rotterdam,Neth.	Vancouver, B. C.	Ballast	.....
Olaf Berg	9	10	Nor.	LongIs.Mach.&Equip	Norfolk, Va.	Kobe, Japan	([19])	8,008
Gen. Wm. M. Graham.[11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Devon City [2]	9	10	Brit.	Mitsubishi Shoji	Mobile, Ala.	Osaka, Japan	Pig iron	9,075
Portmar	9	10	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,874
Parthenia	10	10	Brit.	Donaldson Bros	Glasgow,Scotland	Portland, Oreg.	General	859
Bagaduce [4]	30	10	Amer.	U. S. Navy	Guantan'o, Cuba	San Diego, Cal.	Ballast	.....
YT-129 [13]	30	10	Amer.	U. S. Navy	Guantan'o, Cuba	San Diego, Cal.	Ballast	.....
Nuevo Panama [2]	9	10	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	280
Trinity [1]	7	11	Amer.	U. S. Navy	Houston, Tex.	San Diego, Cal.	Gen., oil	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [11] Mine planter [13] Barge [14] Diesel and fuel oil. [15] For bananas and return to Cristobal, C. Z. [16] Machinery and general. [17] Scrap steel, coke. [18] Iron, steel, chalk. [19] Scrap iron, steel.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Barendrecht [1] [2]	10	10	Neth.	W. Tankschiff Rhed'i.	Jarrow, England	Talara, Peru	Ballast	.....
Toho Maru [1] [2]	10	10	Jap.	Lino Shoji Kaisha	Puerto Mexico	Yokohama, Japan	Fuel oil	10,677
Bethore	10	10	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Pereira	3	10	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	560
Manizales	9	10	Ger.	North German Lloyd.	Cartagena, Col.	Guayaquil, Euca.	General	250
Californian	9	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,187

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Point Brava	11	11	Amer.	Swayne & Hoyt	Portland, Oreg.	Mobile, Ala.	Lumber, gen.	6,220
Pennsylvanian	11	11	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	General	6,766
Emergency Aid	11	11	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,362
Tainui	11	11	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	3,923
Socrates [2]	11	11	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	4,285
Roda	11	12	Ger.	Hamburg-Amer. Line.	Coronel, Chile	Hamburg, Ger.	General	7,484
Lara	11	12	Amer.	Grace Line	Talcahuano, Chile	Baltimore, Md.	(14)	3,604
Thorstrand [2]	12	12	Nor.	Fred Olsen Line	Los Angeles, Cal.	Liverpool, Eng.	(15)	1,765
Thistleglen	12	12	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Rotterdam, Neth.	(16)	7,750
Fernecliff [2]	12	12	Nor.	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Savannah, Ga.	Nitrate	7,746
Bachaquero [1]	9–2	12	Brit.	Lago Shipping Co.	Balboa, C. Z.	Aruba, N. W. I.	Ballast	.....
City of San Francisco.	12	13	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,500
Sawokla [2]	12	13	Amer.	Roosevelt S. S. Co.	Shanghai, China.	Philadelphia, Pa.	General	7,511
Salty Bill [5]	12	...	Amer.	R. M. Turner	Balboa, C. Z.	Miraflores Lake.	Ballast	.....
Lihue	9	13	Amer.	Matson Nav. Co.	Hilo, T. H.	Baltimore, Md.	(17)	7,494
Pacific Exporter	12	13	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	9,035
Maravi	13	13	Pan.	United Fruit Co.	Puntarenas, C. R.	Pto. Castilla, Hon.	Ballast	.....
Kahuku	13	13	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	(18)	7,905
Acajutla	13	20	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	733
Rangitata [2]	13	13	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England	Frozen, gen.	5,309
Santa Lucia	13	14	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,926
District of Columbia.	13	14	Amer.	Anglo-Amer. Oil Co.	El Segundo, Calif.	Avonmouth, Eng.	Gasoline	9,347
Porto Bello [2]	13	13	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	(19)	9
La Union [2]	13	14	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	31
Real [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	23
Sona [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	26
Sambu [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	47
Winslow [5]	13	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Aldington Court [2]	13	13	Brit.	Anglo-Can. S. S. Co.	Portland, Oreg.	Liverpool, Eng.	(20)	8,540
Chulmleigh	13	13	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lum., grain	9,464
Baron Newlands	13	14	Brit.	Hogarth Ship. Co.	Paita, Peru	Dunkerque, Fr.	Bird guano	5,300
San Pedro	14	15	Fr.	French Line	Seattle, Wash.	Rotterdam, Neth.	(21)	6,107
Trois Ilets	14	16	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	317
Sessa	15	15	Dan.	Wessel, Duval & Co.	Valparaiso, Chile.	New York, N. Y.	Ore, general.	2,775
El Aleto [1] [2]	14	15	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	Crude oil	10,481
Nero [2]	15	17	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee	211
Durazzo	15	19	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	746
Norden [2]	15	15	Dan.	Kawasaki K. Kaisha	Iloilo, P. I.	Houston, Tex.	General	6,475
Miss C. B. [2]	15	16	Brit.	Sanabria Mines, Ltd.	Tumaco, Colom.	Cristobal, C. Z.	Passengers	.....
Istmo	15	17	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	709
Nozima Maru [2]	15	16	Jap.	Nippon Yusen Kaisha	Keelung, Formosa	New York, N. Y.	General	8,545
William Luckenbach.	16	16	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,422
San Clemente	16	16	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,838
West Cape	16	16	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,046
Pan Florida [1]	16	17	Amer.	Pan Amer. Pet. Tr. Co.	Pt. S. Luis, Calif.	Baltimore, Md.	Crude oil	12,494
Clio [2]	16	...	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(22)	514
Baron Dunmore	16	17	Brit.	Potter Gordon, Inc.	Chinca Is., Peru.	Tampa, Fla.	Guano	6,300
L-53 [2]	17	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Tow. barge	.....
Chattanooga City	16	17	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Avonmouth, Eng.	General	8,158
Washington	16	17	Amer.	Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Newark, N. J.	(23)	7,126
Janeta	17	17	Brit.	Maclay & McIntyre.	Suva, Fiji Islands	United Kingdom.	Raw sugar	7,839
Alabama	17	18	Fr.	French Line	Valparaiso, Chile.	Havre, France.	General	7,988
Orotava	17	17	Hond.	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	1,060
Nonsuco [2]	17	17	P. I.	Nor. Negros Sugar Co.	Victorius, P. I.	New York, N. Y.	Raw sugar	8,636
Virginian	16	17	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	9,160
Nidardal	17	18	Nor.	Steamship Owners Co.	Tumaco, Colom.	Manaure, Colom.	Ballast	.....
Sage Brush	17	17	Amer.	Shepard S. S. Co.	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	8,190
Darlington Court [2]	17	17	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	General	8,300
Florence Luckenbach.	18	18	Amer.	Luckenbach Line	Everett, Wash.	Mobile, Ala.	Shingles, gen.	4,061
Loriga [2]	18	18	Brit.	Pacific Steam Nav. Co.	Talcahuano, Chile	Liverpool, Eng.	General	8,128
Margrethe Bakke [2]	18	18	Nor.	Knutsen Line	N. Westm'er, B.C.	Belfast, Ireland.	General	7,473
Flomar	19	19	Amer.	Calmar Line	Seattle, Wash.	Philadelphia, Pa.	Lumber	6,671

[1] Tanker. [2] Motor ship. [5] Launch. [14] Zinc concentrates, horses. [15] Fresh and dried fruit. [16] Wheat, barley, lumber. [17] Sugar, pineapples, canec. [18] Canned pineapples. [19] Plantains, lumber. [20] Lumber, wheat, barley. [21] Wheat, fruit, general. [22] Tagua, cacao, coffee. [23] Lumber, pulp, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Lieut. Col. H. C. Schumm. [4]	18	19	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Kupa.....	18	19	Y-Slav	Prakomorska Plovid'a	SanAntonio,Chile	Marseille, France	Beans, sulph.	7,700
Azumasan Maru [2]	19	19	Jap...	Mitsui Bussan Kaisha	Saigon, China...	New York, N. Y.	General.....	7,958
Bengal Maru....	19	19	Jap...	Nippon Yusen Kaisha	Yokohama,Japan	Liverpool Eng..	Can. salmon.	5,646
Berganger [2].....	19	19	Nor...	Interocean S. S. Corp.	Portland, Oreg...	London, England	(13)	7,933
Kansai Maru [2]...	19	20	Jap...	Osaka Shosen Kaisha	Bais, P. I.....	Baltimore, Md...	Sugar,oil,gen	7,945
President de Vogue. [1] [2]	19	19	Nor...	Cia. des Prod. Chim. et Raff.	Talara, Peru....	Pt. de Bouc, Fr..	Crude oil...	13,696
City of Norfolk..	19	20	Amer..	Panama-Pacific Line..	S. Francisco, Cal.	New York, N. Y.	General.....	3,605
Sea Dog [5].....	19	...	Amer..	R. M. Jones.....	Balboa, C. Z....	Miraflores Lake..	Ballast.....	.....
Cape Sable.....	19	20	Brit...	Lyle Shipping Co....	Tocopilla, Chile..	Alexandria,Egypt	Nitrate.....	7,000
Nuevo Panama [2].	20	21	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	64
Wildwood.....	19	20	Amer..	Amer.-For. S. S. Corp.	Pt.Angeles,Wash.	New York, N. Y.	Lumber....	9,000
Waimana.....	19	20	Brit...	Shaw, Savill & Albion	Bowen, Queensl'd	London, England	Frozen, gen.	7,487
Santa Barbara [2]..	20	20	Amer..	Grace Line.....	SanAntonio,Chile	New York, N. Y.	General.....	3,961
Commissaire Ramel.	20	21	Fr....	Messageries Marit'es.	Noumea, N. Caledonia.	Marseille, France	(14)	5,433
Yamazuki Maru [2]	20	20	Jap...	Yamashita K. Kaisha	Manila, P. I.....	BuenosAires,Arg.	(15)	5,641
K. I. Luckenbach.	20	20	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	Lumber, gen.	8,166
Santos [2].....	20	21	Swed..	Johnson Line.....	Valparaiso, Chile.	Goth'burg, Swed.	(16)	6,280
Real [2].....	19	21	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	33
Porto Bello [2].....	20	20	Pan...	A. Tagaropulos.....	Darien, R. P....	Cristobal, C. Z..	(18)	6
Sambu [2].....	20	21	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	30
Mexican.....	20	21	Amer..	Amer.-Hawaiian Line.	Tacoma, Wash..	Boston, Mass....	Lumber, gen.	9,923
Karnak.....	20	21	Ger...	Hamburg-Amer. Line.	Corral, Chile....	Hamburg, Ger...	General.....	7,719
American.....	21	21	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	6,509
Boulderpool.....	21	21	Brit...	Canadian Transp. Co.	Victoria, B. C....	Antwerp,Belgium	Wheat, lum.	8,040
Theofano Livanos	21	22	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [17].....	Nitrate.....	8,800
Ewa.....	21	22	Amer..	Matson Nav. Co.....	Hilo, T. H	Baltimore, Md...	(19)	8,225
Quito [2].....	21	28	Ger...	Hapag-Lloyd.....	Guayaquil, Ecua.	Cristobal, C. Z..	(20)	1,212
Smaragd.....	22	24	Nor...	Grace Line.....	Champ'ico, Guat.	Cristobal, C. Z..	General.....	308
Delftdijk [2].....	22	23	Neth..	Nor. Pac. Coast Line.	Victoria, B. C...	Rotterdam,Neth.	General.....	9,769
Trois Ilets.....	22	23	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	239
Istmo.....	22	24	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	227
Chickasaw City..	22	22	Amer..	Isthmian S. S. Lines..	Port Allen, T. H.	Baltimore, Md...	(21)	7,931
D. G. Schofield [1].	22	22	Amer..	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Asphalt.....	10,745
S-44 [7].....	22	..	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Canadian Constructor.	21	22	Brit...	M. A. N. Z. Line....	Auckland, N. Z..	Montreal,Canada	General.....	3,543
Chr. Knudsen....	22	22	Nor...	Canadian Transp. Co.	Portland, Oreg...	Rotterdam,Neth.	(22)	7,860
Bethore.....	23	23	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,200
San Ambrosio [1] [2]	22	23	Brit...	Eagle Oil & Ship. Co.	Los Angeles, Cal.	United Kingdom.	Gasoline....	10,523
Deroche [1].....	22	24	Amer..	Union Oil Co. of Cal.	Los Angeles, Cal.	Paulsboro, N. J..	(23)	6,291
Lieut. Col. H. C. Schumm. [4]	23	24	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Kollgrim [1] [2].....	23	23	Nor...	Odd Bergs Tankrederi	S. Francisco, Cal.	Curacao, N. W. I.	Kerosene dis.	12,239
Erria [2].....	23	23	Dan...	East Asiatic Co.....	Vancouver, B. C.	Copenhagen,Den.	General.....	6,873
Santa Isabel [2]....	23	24	Nic...	Bernabe Guerrero....	Corinto, Nic.....	Bluefields, Nic...	Sugar.....	50
Ino [2].....	23	...	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	(20)	515
Point Ancha.....	24	24	Amer..	Swayne & Hoyt.....	Seattle, Wash...	New Orleans, La.	General.....	4,994
Charleston [12]....	24	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Telde.....	24	24	Hond..	United Fruit Co.....	Pto.Arm'les,R.P.	Mobile, Ala.....	Bananas....	890
Jefferson Myers..	24	25	Amer..	Quaker Line.....	S. Francisco, Cal.	Albany, N. Y...	General.....	8,701
Minnesotan.....	25	25	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	General.....	6,816
Coloradan.....	25	25	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Baltimore, Md...	Lumber, gen.	8,009
Cape Horn [2].....	24	25	Brit...	Anglo-Can. S. S. Co..	Vancouver, B. C.	Newcastle, Eng..	Lumber, gen.	9,250
Arna [2].....	25	25	Nor...	Seaboard Ship. Co...	Pt.Alberni, B.C..	Boston, Mass....	Lumber.....	7,180
Svealand [2].....	25	26	Swed..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	22,300
Brynje [2].....	25	26	Nor...	Canadian Transp. Co.	Vancouver, B. C.	Rotterdam,Neth.	Lumber, gen.	6,650
Santa Inez [2].....	25	26	Amer..	Grace Line.....	Chanaral, Chile..	New York, N. Y.	General.....	2,952
Cornwall.....	26	26	Brit...	Fed. Steam Nav. Co.	Lyttleton, N. Z..	Glasgow,Scotland	Frozen, gen.	7,246
Mayari.....	26	26	Pan...	United Fruit Co.....	Puntarenas, C.R.	Boston, Mass....	Ballast.....	.....
Ferncourt [1] [2]....	26	26	Nor...	Petrofina, Brussels...	Talara, Peru....	Dunkerque, Fr..	Crude oil...	14,290
Point Salinas.....	26	26	Amer..	Swayne & Hoyt.....	Seattle, Wash...	PanamaCity,Fla.	Lumber, gen.	6,145
Gypsum Prince...	26	27	Brit...	Baker & Co.....	Pisco, Peru.....	Jacksonville, Fla.	Guano.....	5,500
Galaxias.....	26	27	Greek.	Luis & Dreyfus Co...	Cairns, Australia.	Canada.....	Corn	6,990
Pacific Reliance [2].	27	27	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General.....	7,069
Salvador.....	27	4	Brit...	Pacific Steam Nav. Co.	Champ'ico,Guat.	Cristobal, C. Z..	General.....	240
Walter A. Luckenbach.	27	27	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	General.....	8,973
Modavia [2].....	27	27	Brit...	Donaldson Line.....	Vancouver, B. C.	Glasgow,Scotland	Fruit, gen...	5,545
Tai Shan [2].....	27	28	Nor...	Barber Line.....	DahicanBay,P.I.	Baltimore, Md...	(24)	8,729
Thrush [4].....	27	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Trois Ilets.....	27	28	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	183
Porto Bello [2].....	26	27	Pan...	A. Tagaropulos.....	Darien, R. P....	Colon, R. P.....	Lumber.....	4

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [12] Cruiser. [13] Wheat, lumber, fruits. [14] Copra, coffee, nickel. [15] Silk, sugar, general. [16] Sulphate, bran, general. [17] For orders. [18] Lumber, plantains. [19] Sugar, canned pineapples. [20] Coffee, cacao, nuts. [21] Sugar, canec, pineapples. [22] Grain, lumber, general. [23] Solvent, kerosene, Diesel oil. [24] Lumber, sugar, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Real [2]	26	28	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	20
Tuira [2]	27	28	Pan...	J. Laffargue	Darien, R. P....	Cristobal, C. Z..	Bananas....	40
La Union [2]	27	28	Pan...	A. A. Valdes	Bayano, R. P...	Cristobal, C. Z..	Bananas....	18
Sambu [2]	27	28	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	21
Pennsylvania Sun.[1] [2]	28	28	Amer..	Sun Oil Co.	El Segundo, Cal.	Marcus Hook, Pa.	Gasoline....	17,426
W. H. Berg [1]	27	28	Amer..	Standard Oil of Cal..	Richmond, Calif.	Hamburg, Ger...	Gasoline....	11,280
Firmore	28	28	Amer..	Ore S. S. Corp.	Vruz Gr'de, Chile	Baltimore, Md...	Iron ore....	11,850
Hegira	28	28	Amer..	Weyerhaeuser S.S.Co.	Portland, Oreg...	Baltimore, Md...	Lumber, gen.	10,172
Chilean Reefer [2]	28	28	Dan...	J. Lauritzen	Portland, Oreg...	Glasgow, Scotland	Fruit	1,100
City of Baltimore	27	29	Amer..	Panama-Pacific Line..	S. Francisco, Cal.	New York, N. Y.	General	5,888
Pop Eye [5]	28	...	Amer..	J. E. Baxendale	Balboa, C. Z....	P. Miguel, C. Z..	Ballast	.....
York [12]	28	29	Brit...	British Government..	San Diego, Calif.	High seas	.....	.....
Alabaman	29	29	Amer..	Amer.-Hawaiian Line.	Portland Oreg...	Boston, Mass....	General	6,900
African Reefer [2]	29	29	Dan...	J. Lauritzen	Seattle, Wash...	Haifa, Palestine..	Fruit, gen...	1,684
Peter Kerr	29	29	Amer..	States S. S. Co.	Portland, Oreg...	S. Francisco, Cal.	Lumber, gen.	8,207
John Worthington.[1]	29	29	Amer..	Standard Oil of N. J..	Talara, Peru....	Aruba, N. W. I..	(15)	11,634
Canada [2]	29	29	Swed..	Johnson Line	Kahului, T. H...	Goth'burg, Swed.	(16)	7,972
Tremoda	29	29	Brit...	Colonial Sugar Co...	Mackay, Australia	Montreal, Canada	Sugar	7,643
Tobo Maru [1] [2]	29	29	Jap...	Lino Shoji Kaisha...	Yokohama, Japan	Coatzac's, Mex..	Ballast	.....
S-47 [7]	29	...	Amer..	U. S. Navy	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
S-42 [7]	29	...	Amer..	U. S. Navy	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
S-43 [7]	29	...	Amer..	U. S. Navy	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
S-46 [7]	29	...	Amer..	U. S. Navy	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Sona [2]	29	30	Pan...	Elliot Ship. & Land Co.	Panama, R. P...	Cristobal, C. Z..	Empty drums	27
Sub Base [5]	29	...	Amer..	U. S. Navy	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
West Ira	29	30	Amer..	McCormick S. S. Co..	Marsfield, Oreg..	Buenos Aires, Arg.	Lumber, gen.	5,608
Gannet [13]	30	...	Amer..	U. S. Navy	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Heranger [2]	30	30	Nor...	Interocean S. S. Co..	Vancouver, B. C.	Rotterdam, Neth.	(17)	5,969
Marna	30	30	Dan...	J. Lauritzen	Arica, Chile	New York, N. Y.	General	2,660
S-45 [7]	30	...	Amer..	U. S. Navy	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Manoeran [2]	30	30	Neth..	Pac.-Java-Bengal Line	Calcutta, India..	Calcutta, India..	General	7,676
Istmo	30	1	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee, gen..	523
Misoa [1]	25	30	Brit...	Standard Oil of N. J..	Balboa, C. Z....	Aruba, N. W. I..	Ballast	.....
Sikisan Maru [2]	30	30	Jap...	Mitsui Bussan K.	Yokohama, Japan	London, England	Can. salmon.	7,084
Moorby [2]	30	1	Brit...	Ropner Ship. Co.	Chemainus, B.C.	Hull, England	Wheat, lum.	8,710
Morviken [2]	30	2	Nor...	K Line	Yokohama, Japan	New York, N. Y.	General	5,066
Friesland [2]	30	2	Ger...	Hamburg-Amer. Line.	Manila, P. I.	New Orleans, La.	(18)	7,994
Abraham Lincoln[2]	30	1	Nor...	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	6,517
Orotava	1	1	Hond..	United Fruit Co.	Pto. Arm'les, R.P.	Mobile, Ala.	Bananas	1,100
Honolulan	1	1	Amer..	Amer.-Hawaiian Line.	Los Angeles, Cal.	New York, N. Y.	(19)	8,385
Nero [2]	1	2	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	(20)	536
Jersey [2]	1	1	Brit...	Colonial Sugar Co.	Suva, Fiji Is.	United Kingdom.	Sugar	8,835
Dalcroy	1	2	Brit...	United Steam Nav. Co.	Suva, Fiji Islands	United Kingdom.	Sugar	7,366
City of Elwood [2]	1	2	Amer..	Roosevelt S. S. Co.	Iloilo, P. I.	Baltimore, Md...	Sugar, gen..	7,514
Nankai Maru [2]	2	2	Jap...	Osaka Syosen Kaisya	Dairen, China...	Hamburg, Ger...	(21)	6,976
Cromarty [2]	2	2	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Devonport, Eng.	Grain, lum..	8,350
Edgar F. Luckenbach.	2	2	Amer..	Luckenbach-Gulf Co.	Portland, Oreg...	Tampa, Fla.	General	8,342
Davila [1] [2]	2	2	Brit...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	United Kingdom.	Kerosene...	11,124
Cerigo	2	3	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	(22)	1,183
Clio [2]	2	9	Neth..	Royal Neth. S. S. Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee	534
Treworlas	2	2	Brit...	Colonial Sugar Ref...	Cairns, Australia.	Montreal, Canada	Sugar	7,628
Hollywood	2	2	Amer..	McCormick S. S. Co..	Seattle, Wash...	Philadelphia, Pa.	Lumber, gen.	7,289
Zvir	1	2	Y-Slav.	Anglo-Can. S. S. Co..	Vancouver, B. C.	Cardiff, Wales...	General	7,906
Winslow [5]	2	...	Amer..	U. S. Army	Balboa, C. Z....	Cristobal, C. Z..	Tow. barge..	.....
Blue Bird [5]	2	...	Amer..	E. J. Gormely	Balboa, C. Z....	Cristobal, C. Z..	Ballast	.....
Shorty [5]	2	...	Amer..	F. M. Logan	Balboa, C. Z....	Cristobal, C. Z..	Ballast	.....
Seattle [2]	3	4	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	General	6,625
Baarn	2	3	Neth..	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger...	General	7,853
Montanan	2	3	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass...	Lumber, gen.	8,100
Trois Ilets	3	8	Fr...	French Line	B'ventura, Col...	Cristobal, C. Z..	Coffee	194
Pereira	3	10	Pan...	Grace Line	Champ'ico, Guat.	Cristobal, C. Z..	General	93
Lancaster Castle..	3	3	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [14]	Nit. of soda.	8,690
Malantic	3	3	Amer..	Amer. Pot. & Chem..	Long Beach, Cal.	Boston, Mass...	Potash	6,536
Q-2 [5]	3	...	Amer..	U. S. Army	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
City of Newport News.	3	4	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,953
Dusseldorf [2]	3	5	Ger...	North German Lloyd.	Talcahuano, Chile	Hamburg, Ger...	General	5,290
Nuevo Panama [2]	4	5	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas	80
Cleodora [1] [2]	4	4	Neth..	La Corona Pet. Co.	Los Angeles, Cal.	Curacao, N.W.I.	(23)	11,373
Santa Clara	4	5	Amer..	Grace Line	San Antonio, Chile	New York, N. Y.	(24)	5,946
Orazio [2]	4	5	Ital...	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	2,810
Peter Maersk [2]	4	5	Dan...	Maersk Line	Manila, P. I.	New York, N. Y.	(25)	6,107
Real [2]	4	5	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas	40

[1] Tanker. [2] Motor ship. [5] Launch. [7] Submarine. [12] Cruiser. [13] Aircraft tender. [14] For orders. [15] Gas oil, kerosene. [16] Wheat, fruit, barley. [17] Logs, grain, general. [18] Copra, sugar, general. [19] Lumber, sugar, potash. [20] Coffee, hides, balsa. [21] Soya, silk, general. [22] Coffee, wood, hides, nuts. [23] Gasoline, kerosene. [24] Coffee, copper, general. [25] Vegetable oil, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Marore	4	5	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,500
Andrea F. Luckenbach.	5	5	Amer.	Luckenbach Line	Townsend, Wash.	Boston, Mass.	General	11,868
Carolinian	5	5	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen	7,639
O. A. Knudsen [1] [2]	5	5	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N.W.I.	Gasoline	15,456
Willmoto [2]	5	5	Amer.	Sudden & Christenson	Longview, Wash.	New York, N. Y.	Lumber	7,000
San Francisco [2]	5	6	Swed.	Johnson Line	Vancouver, B. C.	Stockholm,Swed.	(14)	5,359
Potter [2]	2	5	Amer.	Roosevelt S. S. Co.	Whyalla	Baltimore, Md.	Wool, gen.	6,629
City of Delhi	5	6	Brit.	Mont.-Aust.-N.Z.Line	Melbourne, Aust.	Montreal,Canada	General	3,490
Porto Bello [2]	5	5	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Lum., oranges	5
Este	6	7	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	9,342
Edward Luckenbach.	6	6	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,305
Moldanger [2]	6	6	Nor.	Interocean S. S. Co.	Seattle, Wash.	London, England	Grain, gen.	8,375
Durazzo	6	8	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	(15)	710
Istmo	6	...	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	662
Nela	6	6	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam,Neth.	Frozen, gen.	5,356
Akiura Maru [2]	6	6	Jap.	Mitsubishi Shoji K.	Dairen, China	Hamburg, Ger.	Soy beans	9,308
Rhakotis [2]	6	8	Ger.	Hamburg-Amer. Line.	Talcahuano,Chile	Hamburg, Ger.	General	7,908
Reina del Pacifico [2]	7	7	Brit.	Pacific Steam Nav. Co.	Talcahuano,Chile	Liverpool, Eng.	(16)	6,198
W. R. Keever	6	7	Amer.	Dutton Lum. Corp.	Everett, Wash.	Providence, R. I.	Lumber	7,300
Nero [2]	2	8	Neth.	Royal Neth. S. S. Co.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Ontariolite [1] [2]	6	7	Brit.	Imperial Oil Co.	Lobitos, Peru	Halifax, N. S.	Crude oil	12,453
Asosan Maru [2]	7	7	Jap.	Mitsui & Co.	Manila, P. I.	Baltimore, Md.	(17)	7,547
North Haven	7	7	Amer.	Northland Transp.	Tacoma, Wash.	Boston, Mass.	Can. salmon.	5,324
Belnor [2]	7	7	Nor.	Belships Co., Ltd.	Coquimbo, Chile.	New York, N. Y.	Gold ore	3,675
Losmar	7	7	Amer.	Calmar Line	Seattle, Wash.	New York, N. Y.	Lum.,plywo'd	7,500
Salacia [2]	7	8	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow,Scotland	(18)	6,954
Retriever [5]	7	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Santore	8	8	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
Oregon Express [2]	3	8	Nor.	Fruit Express Line	Portland, Oreg.	Glasgow,Scotland	Fresh fruit	1,950
Mahimahi	8	8	Amer.	Matson Nav. Co.	Hilo, T. H.	Baltimore, Md.	(19)	8,838
Forbes Hauptman	8	8	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,600
Bolton Castle	8	9	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nit. of soda	8,600
Nuevo Panama [2]	8	10	Pan.	Elliot Ship. & Land Co.	Pto.Arm'les, R.P.	Cristobal, C. Z.	Ballast	.....
Columbia Maru [2]	9	9	Jap.	Mitsubishi Shoji K.	Yavina,Kamch'a.	London, England	(20)	7,740
Heffron	9	9	Amer.	Pac. Coast Dir. Line.	Portland, Oreg.	Norfolk, Va.	Lumber, gen.	8,960
P-14 [5]	9	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Chilore	10	10	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Trenton [12]	5	10	Amer.	U. S. Navy	San Diego, Cal.	Orders at C. Z.	.....	.....
Cincinnati [12]	4	10	Amer.	U. S. Navy	San Diego, Cal.	Guantanamo Bay	.....	.....
Concord [12]	4	10	Amer.	U. S. Navy	San Diego, Cal.	Guantanamo Bay	.....	.....
Samuel Bakke [2]	10	...	Nor.	Knut Knutsen, O.A.S.	Valparaiso, Chile.	Oslo, Norway	General	7,800
San Felipe	10	...	Amer.	Pacific-Atl. S. S. Co.	San Diego, Cal.	Baltimore, Md.	Lumber, gen.	7,193
Eurypylus	10	...	Brit.	Alfred Holt & Co.	Kamchatka, Rus.	London, England	Can. salmon.	7,044
Meandros	10	10	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrates	7,100
Steel Exporter	10	...	Amer.	Isthmian S. S. Lines.	Los Angeles, Cal.	London, England	(21)	7,852
Pacific Enterprise [2]	10	10	Brit.	Furness, Withy & Co.	Victoria, B. C.	Manchester, Eng.	General	8,700
Isthmian	10	10	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	8,700

[1] Tanker. [2] Motor ship. [5] Launch. [12] Cruiser. [13] For orders. [14] Wheat, barley, general. [15] Coffee, tagua, hides. [16] Copper, wool, general. [17] Sugar, rubber, silk. [18] Fresh fruit, general. [19] Sugar, canned pineapples. [20] Canned fish, crabs. [21] Grain, lumber, general.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.75 per barrel at Cristobal and Balboa.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

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Traffic Through the Panama Canal in October 1938

The total vessels of all kinds transiting the Panama Canal during the month of October 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	October 1936	October 1937	October 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	482	461	270	224	494
Small commercial vessels [1]	43	82	52	27	79
Noncommercial vessels:					
United States Government	43	33	20	7	27
Colombian Government	.....	1	.....	.....	.....
For repairs	1	2	2	2	4
Total	569	579	344	260	604

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve months ended October 31, 1938, as compared with the twelve months ended October 31, 1937:

Month	No. of vessels		[3] Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
November	368	435	1,768,738	2,280,565	1,747,368	2,185,283	$1,488,054.25	$1,893,462.00
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	1,366,388.58	1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	[4]2,511,674	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	[4]2,438,985	2,652,880	2,279,235	2,067,026.68	1,961,456.58
May	544	465	2,839,127	[4]2,322,642	2,950,925	2,309,171	2,376,706.36	1,886,825.66
June	472	445	2,450,018	[4]2,227,698	2,670,466	2,122,389	2,070,337.89	1,801,291.78
July	457	429	2,395,306	[5]2,089,000	2,476,366	2,025,660	2,029,642.45	1,694,205.00
August	505	468	2,597,119	[5]2,345,000	2,780,603	2,171,674	2,195,308.87	1,890,050.74
September	444	438	2,312,725	[5]2,165,000	2,385,142	1,998,464	1,935,673.78	1,741,895.46
October	461	494	2,359,406	[5]2,459,000	2,438,788	2,359,673	1,981,087.87	1,977,706.76
Total	5,377	5,486	27,465,338	27,451,553	28,353,184	25,860,496	23,066,005.58	22,332,033.69

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[3] These figures indicate the Panama Canal net tonnage as determined under the rules of measurement in effect prior to March 1, 1938.

[4] The Panama Canal net tonnage for these four months as determined under the rules now in effect was as follows: March 1938, 2,311,526; April 1938, 2,258,836; May 1938, 2,150,228; June 1938, 2,064,793.

[5] Estimated tonnage under the former rules, based on total Panama Canal net tons as now measured, July 1938, 1,933,816; August 1938, 2,177,699, September 1938, 2,005,241, October 1938, 2,276,194.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of October 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	[6] Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	52	2,224	$1,777.14	1,062
Pacific to Atlantic	27	1,345	1,178.28	1,617
Total	79	3,569	2,955.42	2,679

[6] As measured under the present Panama Canal rules.

Traffic by Nationality of Vessels [7] for October 1938

	No. of transits	[8] Panama Canal net tonnage	Tolls	Tons of cargo
British	[9]130	665,827	$569,542.10	600,893
Chilean	2	7,042	5,972.22	612
Danish	17	60,632	52,524.54	53,526
French	11	55,382	48,152.88	41,929
German	35	143,297	128,967.30	156,678
Greek	6	27,064	22,774.50	33,230
Honduran	5	7,900	6,544.44	3,080
Italian	6	32,722	28,686.42	18,570
Japanese	18	101,453	91,307.70	136,715
Netherland	31	93,688	78,899.04	64,778
Norwegian	56	254,925	215,395.92	242,165
Panamanian	14	32,761	27,167.94	34,422
Peruvian	1	2,259	2,033.10	572
Swedish	11	53,556	45,273.96	68,600
United States	147	720,325	640,446.48	887,667
Yugoslav	4	17,361	14,018.22	16,236
Total	494	2,276,194	1,977,706.76	2,359,673

[7] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[8] As measured under the present Panama Canal rules.
[9] Includes 2 naval vessels of 3,574 displacement tons.

Traffic by Trade Routes for October 1938

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time of transit. Cargo may be laden or discharged between the terminal areas indicated; hence, in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[10] Panama Canal net tonnage	Tons of cargo	No. of ships	[10] Panama Canal net tonnage	Tons of cargo
United States intercoastal	52	256,420	207,272	52	258,765	409,557
East coast United States and:						
Canada	2	8,256	2,690	2	9,318	15,230
Central America/Mexico	4	7,287	2,818	4	7,314	4,280
South America	14	61,165	16,952	17	71,633	184,743
Hawaiian Islands	3	14,182	7,784	3	14,820	24,645
Australasia	6	38,555	31,319	.....	.....	.....
Philippine Islands	10	55,831	58,347	8	41,472	60,468
Far East	20	97,813	148,986	4	22,376	19,964
Canadian intercoastal	3	15,218	6,633	2	8,945	14,300
East coast Canada and:						
South America	.....	.....	.....	4	16,953	34,926
Australasia	4	19,974	23,895	4	20,299	26,040
Far East	1	6,153	8,781	.....	.....	.....
East coast Central America/Mexico and:						
Far East	1	6,707	10,677	.....	.....	.....
East coast South America and:						
United States	1	4,573	3,284	.....	.....	.....
Canada	2	8,353	4,539	.....	.....	.....
Far East	3	15,123	21,873	.....	.....	.....

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[10] Panama Canal net tonnage	Tons of cargo	No. of ships	[10] Panama Canal net tonnage	Tons of cargo
South American intercoastal	3	8,213	14,528	1	2,259	572
Cristobal and:						
United States	1	5,973	.....	1	5,973	11,600
Central America/Mexico	5	3,438	4,219	4	2;692	1,119
South America	17	9,744	4,199	16	10,066	10,619
West Indies and:						
United States	2	6,520	.....	5	31,182	62,343
Canada	1	4,095	.....	.....	.....	.....
South America	2	9,009	10,223	.....	.....	.....
Balboa	1	6,124	10,950	.....	.....	.....
Europe and:						
United States	26	109,770	10,395	11	56,297	84,273
Canada	42	219,781	33,333	36	186,076	267,184
Central America/Mexico	1	2,965	6,207	.....	.....	.....
South America	28	146,692	35,859	33	178,240	263,335
Hawaiian Islands	1	8,696	.....	.....	.....	.....
Australasia	8	59,932	52,848	9	60,587	65,734
Far East	1	5,906	7,567	5	26,283	36,779
Egypt and South America	.....	.....	.....	1	4,099	8,330
Around the world	.....	.....	.....	1	6,034	5,691
Asia and west coast United States	.....	.....	.....	1	2,663	1,763
Foreign vessels in ballast (United States intercoastal)	2	9,054	.....	.....	.....	.....
Vessels not engaged in commerce	[11]3	326	.....	.....	.....	.....
Total	270	1,231,848	746,178	224	1,044,346	1,613,495

[10] As measured under the present Panama Canal rules.

[11] Two naval, one yacht.

Origin and Destination of Cargo by Major Areas, October 1938

The following table summarizes the origin of cargo passing through the Canal in October 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	210,537	12,007	235,091	16,041	29,897	503,573
Other North America	1,708	22,226	14,429	20,106	25,327	83,796
Europe	32,681	15,133	248	31,135	52,838	132,035
Miscellaneous	7,747	244	4,726	14,057	.....	26,774
Total	252,673	49,610	254,494	81,339	108,062	746,178

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	402,184	85,125	217,938	6,375	711,622
Canada	15,230	17,043	128,861	1,710	162,844
Other North America	28,925	1,119	27	.....	30,071
South America	181,978	50,288	261,320	8,939	502,525
Australasia	6,973	20,828	63,973	.....	91,774
Asia	79,084	3,904	31,350	321	114,659
Total	714,374	178,307	703,469	17,345	1,613,495

Principal Commodities

Commodities which aggregated 10,000 or more tons either during October 1938, or in October 1937, are listed below:

Commodity	October 1937	October 1938
Atlantic to Pacific		
Asphalt and tar	18,115	7,886
Automobiles and parts	18,917	14,776
Canned goods, various	14,201	13,466
Cement	18,993	10,897
Chemicals	10,518	10,050
Coal and coke	12,211	11,423
Cotton, raw	6,948	15,387
Creosote	11,707	9,776
Iron and steel	200,471	136,746
Machinery	13,841	16,249
Manufactured goods	13,470	12,534
Metals, various	53,997	83,049
Oils, minerals	110,041	85,154
Paper	31,845	40,095
Phosphates	26,878	1,700
Scrap metal	38,116	55,201
Sulphur	46,680	13,573
Tinplate	14,570	11,792
Pacific to Atlantic		
Asphalt and tar	10,374	727
Pacific to Atlantic—Continued		
Barley	25,878	16,924
Beans	26,052	17,860
Canned goods, various	144,859	160,416
Coffee	12,445	11,875
Cold storage (food products)[12]	16,595	24,359
Copra	21,398	9,998
Cotton, raw	8,499	13,414
Flour	31,461	12,633
Fruit, dried	45,643	55,686
Fruit, fresh [13]	28,152	36,189
Lumber	284,441	253,041
Metals, various	59,857	59,679
Nitrates	50,979	148,260
Oils, mineral	207,768	248,877
Oils, vegetable	14,278	14,829
Ores, various	200,081	160,088
Potash	3,892	14,647
Soy beans	9	11,311
Sugar	154,738	125,043
Wheat	44,123	61,311
Wood pulp	39,397	18,011

[12] Except fresh fruit. [13] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of October 1938, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo." The statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	52	.....
Agricultural implements	487	10	4,243	14
Alfalfa meal	.....	236	.....	456
Ammonium compounds	675	.....	6,456	75
Animal foods [14]	156	.....	161	.....
Apparel, wearing (hats, shoes, clothing, etc.)	127	.....	127	40
Asbestos	672	.....	1,382	10
Asphalt and tar	225	111	7,886	727
Automobiles (and autotrucks)	375	.....	8,048	.....
Automobile parts and accessories	796	18	6,728	24
Bags and bagging, textile	312	.....	589	.....
Bamboo and products	.....	.....	.....	83
Bananas	.....	.....	.....	5,710
Barks, miscellaneous	159	25	159	592
Barley	447	51	447	16,924
Beans, edible, dry	30	8,630	82	17,860
Beer	70	.....	433	.....
Beverages, nonalcoholic	13	100	58	100
Blood and tankage	.....	.....	226	88
Bones and bone meal	.....	.....	73	40
Books and printed matter	20	100	21	100
Borax	.....	462	150	9,178
Bran and pollards	73	300	73	3,281
Bricks and tile	298	.....	714	13
Camphor, crude	.....	.....	.....	103

[14] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Canned and preserved goods:				
Fish	578	23,635	1,114	50,327
Fruit	820	48,888	1,671	81,855
Meat	40	304	1,047	548
Milk	40	93	1,201	214
Soup	3,828	35	4,201	55
Vegetables	922	16,083	1,003	16,282
Miscellaneous and unclassified	2,672	9,839	3,229	11,135
Carbon black	36	.....	491	.....
Celite	.....	764	.....	764
Cement	1,000	.....	10,897	.....
Chalk	.....	.....	265	22
Charcoal	91	.....	221	.....
Chemicals [14]	4,997	1,127	10,050	1,504
Clay, china and fire	776	107	976	139
Clay, filtering	.....	100	266	127
Coal	.....	.....	8,758	148
Cocoa and cacao beans	359	.....	933	1,891
Coconuts and products [14]	137	1,400	453	3,073
Coffee	53	.....	6,054	11,875
Coke	.....	.....	2,665	.....
Cold storage and refrigerated products:				
Dairy products	6	17	251	11,978
Eggs	.....	21	.....	259
Fish	3	.....	32	797
Lard	332	.....	509	.....
Meats	.....	64	226	10,921
Vegetables	.....	96	32	404
Other and unclassified	366	.....	387	.....
Confectionery	1,168	.....	1,191	.....
Copra	.....	.....	.....	9,988
Copra meal and cake	.....	10	.....	10
Corn	268	.....	268	2,663
Cotton, raw	25	223	15,387	13,414
Creosote	23	.....	9,776	3
Drugs and medicines	2,516	103	3,073	103
Dyes	2	.....	143	.....
Earthenware	25	.....	91	.....
Eggs, dried	.....	.....	.....	8
Electrical apparatus and appliances	1,457	351	2,893	360
Enamelware and metalware	190	20	419	75
Explosives	92	28	740	28
Extract, quebracho	.....	.....	1,248	.....
Fertilizers [14]	18	40	236	494
Fish, salted or dry-cured	.....	.....	92	60
Fish meal	116	.....	116	2,636
Floor coverings	1,830	595	2,154	702
Flour	76	10,938	968	12,633
Fruit, dried	18	27,519	251	55,686
Fruit, fresh [14]	210	2,770	236	36,189
Furniture and household goods	221	132	270	132
General	17,502	3,859	44,461	19,322
Glass and glassware	2,029	120	5,231	732
Glue	34	13	34	18
Grains [14]	.....	.....	154	.....
Groceries	1,552	394	2,682	1,432
Gums	.....	60	.....	191
Hair, all kinds	360	43	389	163
Hay	.....	18	.....	141
Hemp, unmanufactured	41	.....	55	1,959
Honey	.....	240	70	339
Hops	.....	.....	15	.....
Horns and hoofs	.....	.....	41	40
Infusorial earth	.....	401	.....	901
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	72,144	625	136,746	715
Ivory nuts	20	.....	855	2,631
Jute, unmanufactured	.....	.....	.....	24
Lard substitute	723	.....	723	57
Lime	14	.....	164	.....
Liquors	4,792	188	7,386	343
Lumber (including manufactured mill products)	2,613	144,438	4,732	253,041
Machinery	1,911	329	16,249	600
Malt	70	.....	370	.....
Manufactured goods [14]	8,405	347	12,534	1,643
Marble and granite	.....	.....	253	.....
Matches	62	72	124	72
Metals:				
Antimony	.....	.....	167	.....
Copper	107	3,861	5,698	37,567

[14] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Metals—Continued:				
Gold and silver	3	.....	3	115
Iron	2,176	.....	72,382	.....
Lead	10	1,848	33	14,854
Tin	240	74	272	1,762
Zinc	95	.....	1,459	5,337
Other and unclassified	598	23	3,035	44
Milk, powdered	.....	283	.....	975
Molasses and syrups	287	16	418	967
Nitrates	1,173	.....	3,131	148,260
Nuts, edible (including meats)	33	1,072	262	1,796
Oats	261	1,076	304	1,472
Oils, mineral:				
Crude	71	10,191	1,610	102,579
Gas and fuel	.....	.....	45,074	24,780
Gasoline, benzine, and naphtha	15	8,711	14,942	93,170
Kerosene	.....	.....	10	27,113
Lubricating and greases	8,899	919	23,487	1,235
Other and unclassified	.....	.....	31	.....
Oils, vegetable:				
Coconut	.....	.....	.....	9,658
Cottonseed	25	.....	262	.....
Linseed	1,441	.....	1,695	2
Olive	12	40	581	40
Peanut	.....	.....	.....	1,175
Rapeseed	.....	.....	.....	323
Teaseed	.....	.....	.....	802
Wood	.....	.....	49	1,218
Other and unclassified	134	103	935	1,611
Oil, fish	71	.....	274	941
Oil, whale	.....	.....	.....	93
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	.....	1,562	341
Oilseed cake and meal	3,625	.....	3,661	10,488
Ores:				
Antimony	.....	.....	.....	991
Chrome	106	.....	106	3,500
Copper	.....	500	.....	2,450
Gold and silver	.....	.....	3	4,880
Iron	.....	.....	.....	121,090
Lead	.....	.....	.....	5,429
Magnesite	.....	708	.....	1,212
Manganese	117	.....	563	9,254
Tin	.....	.....	.....	3,775
Zinc	.....	.....	24	5,396
Other and unclassified	.....	99	603	2,111
Paints and varnishes	920	23	4,296	226
Paper and paper products [14]	12.066	5,345	40,095	6,419
Peanuts	941	.....	941	66
Peas, dry	.....	50	.....	57
Peatmoss	.....	.....	732	.....
Phosphates	495	62	1,700	7,712
Plaster	.....	.....	163	.....
Porcelainware	196	127	1,127	2,336
Potash	19	10,586	5,717	14,647
Pyrethrum flowers	.....	.....	.....	100
Rags and waste	120	95	588	630
Railroad material	.....	.....	3,386	.....
Rice	956	883	2,420	3,641
Rope and twine	489	13	611	57
Rosin	830	.....	4,044	70
Rubber:				
Manufactured	918	33	1,370	53
Raw	37	.....	118	3,101
Scrap	12	.....	38	100
Salt	90	136	6,341	136
Sand	1,216	.....	2,614	.....
Scrap metal	432	.....	55,201	1,072
Seeds (except oilseeds)	31	595	376	1,190
Sewer pipe (concrete and terra-cotta)	2,459	.....	2,459	.....
Shells, oyster	169	.....	819	60
Silk, raw	.....	347	27	2,815
Skins and hides	.....	2,269	642	5,234
Slag	160	.....	180	.....
Slate	2,855	.....	2,855	.....
Soaps and products	3,981	21	4,088	101
Soda and sodium compounds:				
Soda ash	294	.....	453	65
Soda, caustic	326	.....	1,391	.....
Miscellaneous and unclassified	741	.....	1,150	98

[14] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Soy beans	66	429	66	11,311
Spices	125	.....	150	25
Sugar	131	27,921	449	125,043
Sulphur	6,167	.....	13,573	106
Talc	.....	78	.....	279
Tallow	22	325	61	1,640
Tea	.....	7	259	2,003
Textiles [15]	4,264	6	8,661	3,505
Tinplate	4,027	24	11,792	184
Tobacco and manufactures	612	29	7,251	217
Toilet preparations	146	11	146	34
Turpentine	311	.....	806	.....
Vegetables, dry [14]	.....	.....	.....	1,408
Wall board	45	.....	683	1,035
Wax, paraffin	147	.....	1,196	511
Wheat	.....	49	.....	61,311
Wines	71	1,731	734	4,471
Wood pulp	1,615	13,741	3,893	18,011
Wool	18	1,232	20	4,325
Total, October 1938	210,537	402,184	746,178	1,613,495
Total, October 1937	234,845	445,342	860,074	1,578,714
Total, October 1936	214,618	530,923	796,094	1,666,975

[14] Except as otherwise classified. [15] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of October 1938, according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[16] Panama Canal net tonnage	Tons of cargo	No. of ships	[16] Panama Canal net tonnage	Tons of cargo
United States intercoastal	1	5,411	.....	2	9,667	18,889
East coast United States and:						
South America	1	8,145	.....	.....	.....	.....
Philippine Islands	.....	.....	.....	1	3,694	[17]6,685
East coast Canada and South America	.....	.....	.....	3	15,150	32,271
East coast Central America/Mexico and Far East	1	6,707	10,677	.....	.....	.....
South American intercoastal	1	6,268	.....	.....	.....	.....
Cristobal and United States	1	5,973	.....	1	5,973	11,600
West Indies and:						
United States	1	4,391	.....	5	31,182	62,343
South America	2	9,009	10,223	.....	.....	.....
Balboa	1	6,124	10,950	.....	.....	.....
Europe and:						
United States	6	36,805	9,740	5	33,207	60,411
South America	6	36,230	.....	5	31,503	61,959
Hawaiian Islands	1	8,696	.....	.....	.....	.....
Total	22	133,759	54,631	22	130,376	254,158

[16] As measured under the present Panama Canal rules. [17] Coconut oil.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.75 per barrel at Cristobal and Balboa.

Comparison of Canal Traffic in October 1938, with October Traffic In Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of October			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	83	[18] 322	425	1915	[19] 100	361	466
1915	.....	.....	.....	1916	60	199	258
1916	151	482	617	1917	145	483	588
1917	164	522	600	1918	165	547	627
1918	181	552	657	1919	162	510	576
1919	191	670	705	1920	199	712	781
1920	226	934	991	1921	232	950	966
1921	249	1,069	985	1922	222	951	907
1922	291	1,310	1,446	1923	325	1,550	1,631
1923	420	2,139	2,127	1924	429	2,179	2,249
1924	383	1,923	2,018	1925	382	1,904	1,996
1925	406	1,955	2,009	1926	424	2,064	2,169
1926	435	2,124	2,374	1927	441	2,184	2,311
1927	551	2,584	2,716	1928	521	2,453	2,468
1928	543	2,514	2,581	1929	524	2,485	2,554
1929	554	2,747	2,844	1930	502	2,497	2,502
1930	506	2,583	2,393	1931	447	2,314	2,089
1931	384	2,081	1,763	1932	364	1,968	1,650
1932	367	1,987	1,581	1933	347	1,900	1,513
1933	433	2,414	2,124	1934	436	2,379	2,059
1934	467	2,516	2,173	1935	432	2,317	2,109
1935	441	2,358	2,229	1936	449	2,335	2,209
1936	482	2,500	2,463	1937	467	2,421	2,531
1937	461	2,359	2,439	1938	460	[22] 2,338	2,282
1938	494	[21] 2,459	2,360	(20)	461	[21] 2,293	2,163

[18] Canal opened August 15, 1914. [19] Average for 10½ months. [20] Average 10 months of calendar year 1938. [21] Estimated tonnage under Panama Canal rules in effect prior to March 1, 1938. [22] As measured under the rules in effect prior to March 1, 1938.

Terminal Activities

Ships repaired during the month of October 1938 numbered 54. Vessels released from drydock numbered 13. Fuel oil in the quantity of 287,651 barrels was delivered as bunkers to 131 commercial ships. Bunker coal amounting to 3,473 tons was delivered to 18 commercial ships. Sales of commissary supplies to ships aggregated $49,136.77.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ..... tons	20,251	8,867	29,118
Local cargo shipped ..... tons	2,355	811	3,166
Cargo received for transshipment ..... tons	46,662	1,083	47,745
Cargo transshipped ..... tons	46,381	853	47,234
"Canal Zone for Orders" cargo:			
Number of receipts issued	5	1	6
Number of releases issued	38	19	57
Tons received	49	6	55
Tons withdrawn	50	6	56

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	573	3,336,640	2,003,313	534	2,969,934	1,806,305
Vessels entering port but not transiting Canal	55	363,634	196,261	3	14,228	9,463
Vessels transiting Canal and handling passengers and cargo at terminal ports	140	761,886	444,424	109	658,126	395,278
Ships clearing						
All vessels, including those transiting Canal	575	3,329,960	2,003,898	537	2,979,634	1,810,639
Vessels clearing port but not transiting Canal	59	399,058	222,898	3	16,073	9,644
Vessels transiting Canal and handling passengers and cargo at terminal ports	137	733,353	425,913	111	666,100	399,817

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight October 10, 1938, to midnight November 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Santa Maria, 589, 7
Muenchen, 23, 229
Alaska, 135, 260
Sambu, 0, 60
Cefalu, 249, 742
Acajutla, 563, 706
Platano, 617, 0
Oropesa, 17, 316
Tacoma, 699½, 119
Ino, 609, 57¼
Olney, 2,150, 0
Chiriqui, 262, 329
Bogota, 1,132, 409
Nero, 330, 29
Cristobal, 2,928, 676
Colombie, 98, 0
Barneveld, 104, 169
Santa Marta, 692, 191
Santa Inez, 420, 24
West Ivis, 45, 59
San Diego, 273, 337
Patricia, 0, 805½
Nuevo Panama, 253, 0
Simon Bolivar, 1½, 663½
Santa Maria, 11,600, 0
Canada, 0, 50
San Angelo, 419, 80
D.G.Scofield, 11,426, 0
Auditor, 181, 0
Colombie, 3, 265
Rialto, 54, 0
Lysefjord, 39, 345
Jamaica, 9, 233
Santa Rita, 137, 20
Port Sydney, 0, 10½
Alkmaar, 110, 30½
Santa Rosa, 156, 1
Lochaven, 173, 7
Rhein, 9, 862
Gertrude Maersk, 279, 399
Contessa, 435, 785
Sambu, 0, 82
Trois Ilets, 384, 213
City of Los Angeles, 265, 0
Caribia, 139, 68
Amasis, 129, 163
Tigre, 37, 210
Musa, 575, 5
Niobe, 12,009, 0
Balboa, 0, 415
Virgilio, 111, 14
Santa Clara, 275, 29
Dresden, 89, 450
Keiyo Maru, 251, 19
Vinni, 993, 0
Talamanca, 108, 704½
San Bernardino, 668,28
Oregon, 410, 264
Damsterdijk, 183, 25
Durazzo, 23, 441
Nero, 410½, 43½
John Cabot, 188, 1,338
Quito, 1,087¼, 0
Lagarto, 34, 0
Toloa, 1,048, 150
Loreto, 4, 1,035
Clio, 585, 155
Istmo, 785, 100
Buenaventura, 2,060, 388
Leipzig, 55½, 537
Leme, 278, 267
Yamaura Maru, 387, 0
Strabo, 0, 340½
Macabi, 0, 60
Argentina, 121, 51
San Clemente, 102, 474
West Cactus, 20, 125
Veragua 13, 405
Santa Lucia, 564, 27
San Jose, 129, 429
Portland, 159½, 174
Mosfruit, 25, 0
Santa Paula, 242, 24
Zacapa, 173, 743
Cefalu, 139, 671
Crynssen, 91, 5
Salvador, 272, 0
Real, 0, 52
Caribia, 10, 1,008½
Tai Yin, 1,141, 0
San Antonio, 661, 163
Ancon, 3,591, 652
Axel Johnson, 153, 208
Pasajero, 0, 8
Quirigua, 173, 945
Santa Maria, 85, 1
Trois Ilets, 331, 57
Nero, 497, 100
Mantilla, 8,503, 0
Evanger, 2,704, 132
Istmo, 681, 252
Ino, 495, 72
Cerigo, 1,060, 1,154
Margaret Lykes, 973, 893
Sixaola, 1,274, 335
Orduna, 91, 106
Arminda, 172, 40
Vinland, 71, 0
Crynssen, 15, 1,549
Skjelbred, 1,191, 222
Arizona, 426, 0
Port Antonio, 6, 351
Knute Nelson, 262,3
Itauria, 90, 0
Chiriqui, 72, 476
Sanyo Maru, 454, 343
Santa Elena, 770, 0
Carrillo, 6, 0
West Notus, 538, 0
Bretagne, 233, 0
Nurnberg, 99, 0
Breda, 235, 0
Santa Barbara, 296, 0
Astoria, 0, 169
Port Montreal,147, 136
Contessa, 553, 546
Sambu, 0, 48
Valparaiso, 0, 172
Historian, 283, 0
Musa, 1,368, 95
Grete Maersk, 845, 0
Schwaben, 248, 78½
Jamaica, 150, 849
Jefferson Myers, 360, 0
Orbita, 24, 1,066
Trois Ilets, 214, 40
Laurits Swenson, 192, 40
Istmo, 311, 450
Margaret Johnson, 0, 26
Nero, 284, 100
Pereira, 342, 1,239
Ulua, 703, 159½
Guayaquil, 2,232, 617
Santa Rita, 118, 144
Lochkatrine, 177, 69
Clio, 514, 107
Bogota, 1,019, 596
Kosin Maru, 574, 0
Kunikawa Maru, 693, 0
Jeff Davis, 284, 0
R. L. Hustler, 1½, 0
Strabo, 0, 451
Talamanca, 12, 285
Santa Inez, 96, 0
Santa Rosa, 590, 47
Aachen, 47, 290
Turrialba, 688, 0
Lochgoil, 194, 7
Alster, 131, 366
Cefalu, 476, 541
Fella, 511, 203
Real, 0, 50
Acajutla, 495½, 0
Peter Kerr, 345, 71
Losada, 345, 71
Cristobal, 3,645, 0
San Mateo, 386, 0
Nordstjernan, 56, 158
Santa Lucia, 455, 0
Veragua, 116, 0
Magister, 153, 0
American Press, 1,378, 0
Durazzo, 1,235, 0
Istmo, 801, 0

BALBOA

Trinity, 1,583, 41
Pereira, 0, 2
Acajutla, 6, 0
Miss C. B., 6, 25
Santa Maria, 15, 6
Orotava, 0, 1
Rangitane, 68, 0
Weser, 352, 0
Patria, 63, 0
St. Mihiel, 245, 146
John Bakke, 1,035, 0
Cuzco, 51, 0
Santa Inez, 163, 15
Santa Rita, 1, 0
City of Los Angeles, 202, 0
Gertrude Maersk, 188, 0
Santa Clara, 217, 52
Leme, 721, 0
Thorstrand, 0, 59
D. G. Scofield, 10,950,0
City of San Francisco, 299, 1
Santa Lucia, 19, 0
Vega, 14, 0
Europa, 0, 82
John Cabot, 0, 9
Salvador, 4, 0
Henderson, 416, 2
Tai Yin, 161, 0
Zacapa, 0, 1
Santa Maria, 192, 8
Republic, 563, 143
Ludington, 2,655, 544
West Notus, 738, 0
Fortuna, 108, 0
Knute Nelson, 0, 109
City of Norfolk, 270, 0
Cathwood, 9,790, 0
Tamaroa, 63, 0
Salvador, 0, 2
Grete Maersk, 137, 0
Orotava, 0, 1
Santa Rita, 140, 0
La Purisima, 6,761, 0
Jeff Davis, 176, 0
City of Baltimore, 304, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

During October 1938 ocean-ship passengers disembarking at Cristobal numbered 2,063; embarking, 1,895; at Balboa, 649 disembarking and 777 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,025, from the Pacific to the Atlantic, 2,088. Aircraft numbering 54 entered Cristobal, 214 passengers disembarking; clearances were 54, with 256 passengers embarking. At Balboa entries of aircraft numbered 51, 105 passengers disembarking; clearances were 51, with 90 passengers embarking.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Movements of Ocean Vessels Through the Panama Canal

From midnight October 10, 1938, to midnight November 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Pacific	10	11	Amer.	Weyerhaeuser S. S. Co	Norfolk, Va	San Diego, Calif.	Steel, gen.	1,614
Tekoa	10	11	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	Auckland, N. Z.	General	9,311
Appledore	10	11	Brit.	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	
Vernon City	11	11	Brit.	Aust. Despatch Line	Liverpool, Eng.	Vancouver, B. C.	Ballast	
Miss C. B. [3]	11	17	Brit.	Sanabria Mines, Ltd.	Cristobal, C. Z.	Tumaco, Colom.	Ballast	
Alioth [2]	11	11	Neth.	Earle Stoddart, Ltd.	Schiedam, Neth.	Vancouver, B. C.	Ballast	
Molda [2]	11	11	Nor.	Mitsui Line	Mobile, Ala	Kobe, Japan	Pig iron	7,600
Integritas	11	12	Ital.	Nova Genuensis	Genoa, Italy	Antof'gasta, Chile	Ballast	
Kattegat [2]	8	12	Nor.	Isbrandtsen Moller	Norfolk, Va	Manila, P. I.	General	7,215
Alaska	11	12	Fr.	French Line	Havre, France	Talcahuano, Chile	General	617
Pacific Shipper [2]	11	12	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	347
Chelsea	11	12	Brit.	Chile Nit. Sales Corp.	Tyne, England	Iquique, Chile	Ballast	
Egyptian Reefer [2]	11	12	Dan.	J. Lauritzen	Rotterdam, Neth.	Seattle, Wash.	Ballast	
Orotava	12	12	Hond.	United Fruit Co.	Mobile, Ala	Pto. Arm'les, R.P.	Ballast	
Ramon de Larrinaga.	12	12	Brit.	Canadian Transp. Co.	London, England	S. Francisco, Cal.	Ballast	
Hadleigh	12	12	Brit.	Seaboard Lumber Co.	Barry, England	Vancouver, B. C.	Ballast	
Iowan	12	12	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,940
Tazima Maru	12	12	Jap.	Nippon Yusen Kaisya	New Orleans, La.	Yokohama, Japan	Gasoline	5,378
Sona [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
La Union [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	11	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Sugar	55
Euzkadi [5]	...	...	Pan.	Jose M. Rodomiche	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Oropesa	12	13	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	2,225
Charles Christenson.	13	13	Amer.	Arrow Line	New York, N. Y.	Seattle, Wash.	General	3,149
Weser [2]	13	14	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	7,110
Fjordaas [1] [2]	12	13	Nor.	Eagle Oil & Ship. Co.	Manchester, Eng.	Los Angeles, Cal.	Ballast	
St. Mihiel [8]	13	15	Amer.	U. S. Army	New York, N. Y.	S. Francisco, Cal.	Supplies	1,428
Tredinnick	13	14	Brit.	Mont.-Aust.-N.Z.Line	Three, Riv., Can.	Melbourne, Aust.	Newsprint	4,700
Point Brava	13	14	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	([16])	6,353
Svealand [2]	14	14	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Nonsuco [2]	14	14	Amer.	No. Negros Sugar Co.	New York, N. Y.	Iloilo, P. I.	General	5,292
Krossfonn [1] [2]	14	14	Nor.	Pechelbronn	Rotterdam, Neth.	Cabo Bl'co, Peru.	Ballast	
Treff, No. 3 [13]	14	14	Ger.	Erste Deut. Walfang.	Hamburg, Ger.	Antarctic	Ballast	
Treff, No. 6 [13]	14	14	Ger.	Erste Deut. Walfang.	Hamburg, Ger.	Antarctic	Ballast	
Treff, No. 8 [13]	14	14	Ger.	Erste Deut. Walfang.	Hamburg, Ger.	Antarctic	Ballast	
Treff, No. 4 [13]	14	14	Ger.	Henkel & Co	Hamburg, Ger.	Antarctic	Ballast	
Treff, No. 1 [13]	14	14	Ger.	Erste Deut. Walfang.	Hamburg, Ger.	Antarctic	Ballast	
Treff, No. 3 [13]	14	14	Ger.	Erste Deut. Walfang.	Hamburg, Ger.	Antarctic	Ballast	
Jan Wellem [14]	14	14	Ger.	Erste Deut. Walfang.	Hamburg, Ger.	Antarctic	Ballast	
Treff, No. 5 [13]	14	14	Ger.	Erste Deut. Walfang.	Hamburg, Ger.	Antarctic	Ballast	
Arawa	14	15	Brit.	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	5,080
Stjerneborg [2]	14	14	Dan.	C. K. Hansen	Boston, Mass.	Williams Hd., B.C	Ballast	
Olney [1]	13	14	Amer.	Shell Oil Co	Perth Amboy, N.J.	Los Angeles, Cal.	Ballast	
Barneveld	14	15	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,059
Porto Bello [3]	14	14	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Port Halifax [2]	14	16	Brit.	Mont.-Aust.-N.Z.Line	Montreal, Canada	Adelaide, Aust.	General	7,313
West Ivis	14	15	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Los Angeles, Cal.	Gen., coffee	3,284
Robert Luckenbach.	15	15	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,336
Ino [2]	12	15	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	52
Sessa	15	15	Dan.	Wessel, Duval & Co.	Baltimore, Md.	Talcahuano, Chile	General	2,515
John Bakke [2]	14	16	Nor.	Scand.-S. Pacific Line	Goth'burg, Swed.	San Antonio, Chile	General	2,887
Alkaid [2]	15	15	Neth.	VanNievelt, Goudria'n	Bremen, Ger.	Vancouver, B. C.	Ballast	
Bogota [2]	13	15	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	308
Santa Inez [2]	14	16	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	1,930
Pennsylvanian	15	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,101
Istmo	6	16	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	430
Bradford City [2]	15	16	Brit.	States Marine Corp.	Mobile, Ala	Osaka, Japan	Pig iron	9,000
City of Baltimore.	15	16	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,881
Firmore	15	16	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Miramar [5]	14	...	Pan.	Standard Fruit Co.	Cristobal, C. Z.	Gatun, C. Z.	([17])	
No. 3680 [15]	14	...	Pan.	Standard Fruit Co.	Cristobal, C. Z.	Gatun, C. Z.	Bananas	10
Steel Inventor	16	16	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	Steel, gen	4,189
Wellington Court.	16	16	Brit.	Canadian Transp. Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	
Asuka Maru [2]	15	16	Jap.	Nippon Yusen Kaisha	La Guaira, Venez.	Yokohama, Japan	Cotton, gen.	8,955
Silvercedar [2]	16	16	Brit.	Weir S. S. Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Nuevo Panama [2]	15	16	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Salina Cruz, Mex.	Ballast	
Athelcrown [1] [2]	16	16	Brit.	United Molasses Co.	Birkenhead, Eng.	Hawaii	Ballast	
Sveadrott [1] [2]	16	16	Swed.	Anglo-Saxon Pet. Co.	Malmo, Sweden	S. Francisco, Cal.	Ballast	
Santa Maria [1]	15	17	Amer.	Union Oil of Calif.	Cristobal, C. Z.	Los Angeles, Cal.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [13] Whale catcher. [14] Whale factory. [15] Barge. [16] Lumber, pipe, general. [17] Towing barge No. 3680.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Cornish City [2]	16	17	Brit.	Leeds Shipping Co.	Mobile, Ala.	Osaka, Japan	Pig iron	9,000
American Reefer [2]	16	17	Dan.	J. Lauritzen	Hamburg, Ger.	Seattle, Wash.	Ballast	.....
Santa Isabel [3]	15	17	Nic.	B. Guerrero	Bluefields, Nic.	Corinto, Nic.	Machinery	20
Florence Luckenbach.	17	17	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	4,198
Komaki Maru [2]	17	17	Jap.	Kokusai Kisen Kaisha	Baltimore, Md.	Kobe, Japan	Gas., cotton	7,494
Port Sydney	17	17	Brit.	Port Line, Ltd.	Cardiff, Wales	Fremantle, Aust.	General	5,432
Barfleur [2]	16	17	Fr.	Armements Maritimes	Dieppe, France	Los Angeles, Cal.	Ballast	.....
Nozima Maru [2]	17	17	Jap.	Nippon Yusen Kaisya	Philadelphia, Pa.	Kobe, Japan	General	7,639
San Angelo	16	17	Amer.	Quaker Line	Norfolk, Va.	San Diego, Calif.	General	2,755
Rialto [2]	16	17	Ital.	Italia Soc. An. Nav.	Trieste, Italy	Vancouver, B. C.	General	1,660
Gera	16	17	Ger.	Hamburg-Amer. Line.	New Orelans, La.	New Zealand	General	6,509
Foylebank [2]	17	17	Brit.	Bank Line, Ltd.	Boston, Mass.	Shanghai, China	General	3,591
M-101 [5]	.....	.....	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Rhein [2]	17	18	Ger.	Hamburg-Amer. Line.	Mobile, Ala.	Manila, P. I.	Gen., cotton	8,346
Ousebridge	17	18	Brit.	Crosby Son & Co.	So. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Mabriton	17	18	Brit.	Carlton S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Herman F. Whiton.	18	18	Amer.	Texas Gulf Sulph. Co.	Galveston, Tex.	Everett, Wash.	Sulphur	6,050
Svenor [1] [2]	18	18	Nor.	S. Ugelstad Rederi	Antwerp, Belgium	San Diego, Calif.	Creosote	9,740
Acajutla	11	19	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	706
Katrina Luckenbach.	18	18	Amer.	Luckenbach Line	New Orleans, La.	Tacoma, Wash.	General	4,561
City of Lyons	18	18	Brit.	Ellerman Hall Lines.	New York, N. Y.	Sydney, Aust.	General	2,627
Ottawa [9]	19	22	Brit.	Canadian Govt.	Halifax, N. S.	Los Angeles, Cal.	Ballast	.....
Restigouche [9]	19	22	Brit.	Canadian Govt.	Halifax, N. S.	Los Angeles, Cal.	Ballast	.....
Kansai Maru [2]	18	19	Jap.	Osaka Syosen Kaisya	Boston, Mass.	Kobe, Japan	(14)	6,678
Houston City [2]	19	19	Brit.	States Marine Corp.	New York, N. Y.	Kobe, Japan	Scrap, gen.	9,133
Umberleigh	19	19	Brit.	Tatum Steam Nav. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Kirisima Maru [2]	19	19	Jap.	Kokusai Kisen Kaisya	Montreal, Canada	Yokohama, Japan	(15)	8,781
Treff, No. 2 [13]	14	19	Ger.	Erste Deut. Walfang.	Hamburg, Ger.	Antarctic	Ballast	.....
Zouave	19	19	Brit.	Chile Nit. Sales Corp.	No. Shields, Eng.	Tocopilla, Chile	Ballast	.....
Argual	19	19	Hond.	United Fruit Co.	Mobile, Ala.	Pto. Arm'les, R. P.	Ballast	.....
El Mirlo [1] [2]	19	19	Brit.	C. T. Bowring & Co.	Donges, France	La Libertad, Ecua	Ballast	.....
Hindanger [2]	19	19	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
H. D. Collier [1]	19	19	Amer.	Standard Oil of Calif.	Hamburg, Ger.	S. Francisco, Cal.	Ballast	.....
Virginian	19	19	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	4,034
Malayan Prince [2]	19	19	Brit.	Prince Line, Ltd.	Boston, Mass.	Far East	General	2,649
Amasis	19	19	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	2,515
Tuira [2]	18	.....	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	18	.....	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	18	.....	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	18	.....	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	60
Virgilio [2]	19	20	Ital.	Societa Italia	Genoa, Italy	Valparaiso, Chile.	General	929
Rigmor [1] [2]	19	20	Nor.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Temple Bar	19	20	Brit.	Chile Nit. Sales Corp.	Birkenhead, Eng.	Chile	Ballast	.....
Albion Star	19	20	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	.....
Niel Maersk [2]	19	20	Dan.	A. P. Moller Co.	Baltimore, Md.	Iloilo, P. I.	General	5,823
Loosdrecht [1] [2]	20	20	Neth.	Anglo-Saxon Pet. Co.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	.....
Steel Seafarer	20	20	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Saigon, China	General	6,020
Balboa [2]	19	20	Swed.	Johnson Line	Goth'burg, Swed.	Valparaiso, Chile.	General	1,448
Ripley [2]	20	20	Brit.	Thomasson S. S. Co.	London, England	Rabaul, Pac. Is.	General	3,850
Santa Clara	20	21	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	2,920
Dresden [2]	20	20	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	4,147
Escobal [5]	20	.....	Pan.	G. P. Hellon	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
S-43 [7]	.....	.....	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-47 [7]	.....	.....	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Thorstrand [2]	21	22	Nor.	Fred Olsen Line	Glasgow, Scot.	S. Francisco, Cal.	Ballast	.....
Trois Ilets	18	21	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	177
S-45 [7]	.....	.....	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
S-46 [7]	.....	.....	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Oregon [2]	20	21	Fr.	French Line	Antwerp, Belgium	Vancouver, B. C.	General	3,301
S-42 [7]	.....	.....	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Norden [2]	21	21	Dan.	Kawasaki K. Kaisha	Corpus Chr'ti, Tex	Kobe, Japan	General	7,490
Preradovic	21	21	J-Slav.	Chile Nit. Sales Corp.	Flushing, Neth.	Chile	Ballast	.....
Washington	21	21	Amer.	Weyerhaeuser S. S. Co	New York, N. Y.	Seattle, Wash.	Steel, gen.	4,127
Marore	21	21	Amer.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Damsterdijk [2]	20	21	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	General	3,684
City of Kimberley	21	21	Brit.	Ellerman & Bucknall	New York, N. Y.	Adelaide, Aust.	General	3,710
William Luckenbach.	21	21	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,693
San Bernardino	20	21	Amer.	States S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	2,850
L. A. Christensen. [2]	21	23	Nor.	Canadian Gulf Line	Oslo, Norway	Powell Riv., B. C.	Ballast	.....
Hawiian	21	21	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	General	3,301
Porto Bello [3]	21	21	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Beduin [1] [2]	21	22	Nor.	A. O. Anderson Co.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	.....
American	22	22	Amer.	Amer.-Hawaiian Line.	Bridgeport, Conn.	Seattle, Wash.	General	3,156

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [9] Destroyer. [13] Whaler.
[14] Scrap iron, oil, etc. [15] Gasoline, crude oil, scrap iron, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
City of Newport News.	22	23	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,036
Alamar	22	22	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,047
Penrith Castle [2]	22	22	Brit.	Barber Line	Boston, Mass.	Moji, Japan	([14])	5,633
Nero [2]	21	22	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	40
Istmo	21	22	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	225
Imperial [2]	22	22	Chile	Cia. Sud Amer. de Vap.	Nakskov, Den.	Valparaiso, Chile.	General	612
Macabi	22	22	Pan.	United Fruit Co.	Boston, Mass.	Puntarenas, C. R.	General	2,818
Clio [2]	21	22	Neth.	Royal Neth. S.S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	141
Durazzo	20	22	Ger.	Hamburg-Amer. Line.	Manaure, Col.	Guayaquil, Ecua.	Salt, gen.	1,077
Loreto [2]	21	23	Brit.	Pacific Steam Nav. Co	Hull, England	Valparaiso, Chile.	General	3,500
Luis [2]	22		Pan.	E. J. Hooper	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
J-52 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
J-56 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Steel Voyager	22	23	Amer.	Isthmian S. S. Lines.	Portland, Me.	Tacoma, Wash.	Steel, tinpl'te	5,221
Ralph Talbot [9]	23		Amer.	U. S. Navy	H'pton Rds., Va.	Balboa, C. Z.	Ballast	
Mugford [9]	23		Amer.	U. S. Navy	H'pton Rds., Va.	Balboa, C. Z.	Ballast	
Lebore	23	23	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Wildwood	23	23	Amer.	McCormick S. S. Co.	Albany, N. Y.	Seattle, Wash.	General	2,341
Hawnby	23	23	Brit.	Ropner Shipping Co.	Montreal, Canada	Vancouver, B. C.	Ballast	
Argentina [2]	23	23	Swed.	Johnson Line	Norrkoping, Swed	Vancouver, B. C.	([15])	4,310
Rossington Court.	23	24	Brit.	Canadian Transp. Co.	Barry, England.	GraysHar., Wash.	Ballast	
Miramar [5]	21		Pan.	Standard Fruit Co.	Cristobal, C. Z.	Gatun, C. Z.	([16])	
No. 3680 [13]	21		Pan.	Standard Fruit Co.	Cristobal, C. Z.	Gatun, C. Z.	([17])	10
San Clemente	23	24	Amer.	Quaker Line	Albany, N. Y.	Tacoma, Wash.	General	3,609
West Cactus	23	24	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Los Angeles, Cal.	General	1,708
Europa [2]	24	25	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	227
D. G. Scofield [1]	24	26	Amer.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	S. Francisco, Cal.	Fuel oil	10,950
Somersby	23	24	Brit.	Sir R. Ropner & Co.	N. Shields, Eng.	Portland, Oreg.	Ballast	
John Cabot	20	24	Brit.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,339
Mallard [12]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Flo [5]			Pan.	W. L. Stilson	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Nathan [2]	24		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [18]		20
No. 5441 [13]	24		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [19]		20
Point Ancha	25	25	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,710
Berganger [2]	25	25	Nor.	Interocean S. S. Co.	London, England	Los Angeles, Cal.	Ballast	
Kahuku	25	25	Amer.	Matson Nav. Co.	Baltimore, Md.	Hawaiian Islands	Steel, gen.	4,453
Washington Express. [2]	25	25	Nor.	Fruit Express Line	Glasgow, Scot.	Seattle, Wash.	Ballast	
Henderson [8]	24	27	Amer.	U. S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	878
Svithiod [1] [2]	25	25	Pan.	Standard Oil of N. J.	Rotterdam, Neth.	Talara, Peru	Ballast	
Winkleigh	25	25	Brit.	W. J. Tatem & Co.	Barry, England.	Vancouver, B. C.	Ballast	
Mersington Court	25	25	Brit.	Chile Nit. Sales Corp.	Flushing, Neth.	Tocopilla, Chile.	Ballast	
Snapper [7]	24		Amer.	U. S. Navy	Annapolis, Md.	Balboa, C. Z.	Ballast	
Cumberland	26	26	Brit.	FederalSteamNav.Co.	Falmouth, Eng	Auckland, N. Z.	General	11,938
Loch Maddy	25	26	Brit.	Seaboard Ship. Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	
Zacapa	25	26	Amer.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R. P.	Ballast	
Filleigh	26	26	Brit.	Kerr Gifford & Co.	Barry, England.	Portland, Oreg.	Ballast	
Johilla	26	26	Brit.	Canadian Transp. Co.	Mobile, Ala	Vancouver, B. C.	General	2,690
Azumasan Maru [2]	26	26	Jap.	Mitsui Bussan Kaisha	New Orleans, La.	Osaka, Japan	([20])	6,123
Sona [2]	25		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	25	26	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	40
Rangitata [2]	27	28	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	Gen., frozen.	3,070
Santore	27	27	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Mexican	27	27	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,451
Borgestad [2]	27	27	Nor.	Canadian Transp. Co.	Swansea, Eng.	Sta. Rosalie, Mex.	Coal dust	6,207
Point Salinas	27	27	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	([21])	5,492
Korana	27	27	Y-Slav	Chile Nit. Sales Corp.	Rotterdam, Neth.	Tocopilla, Chile.	Ballast	
Fortuna [3]	26		Pan.	Hans Unger	El Bluff, Nic.	Panama, R. P.	Lumber	108
King Neptune [2]	27	27	Brit.	Aust. Dispatch Line.	Cardiff, Wales	Vancouver, B. C.	Ballast	
Pacific President [2]	27	27	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	546
Santa Maria [2]	27	28	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	3,535
Goodleigh	27	28	Brit.	Anglo-Can. S. S. Co.	Sunderland, Eng.	Vancouver, B. C.	Ballast	
Ardanbhan	28	28	Brit.	Continental Grain Co.	Barry, England.	Seattle, Wash.	Ballast	
Emergency Aid	28	28	Amer.	McCormick S. S. Co.	Albany, N. Y.	Seattle, Wash.	General	3,989
San Antonio	26	28	Fr.	French Line	Havre, France	Vancouver, B. C.	Glass, steel.	3,052
Trois Ilets	27	28	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	20
Nero [2]	27	28	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	101
Evanger	27	28	Nor.	General S. S. Corp.	Buenos Aires, Arg.	Vancouver, B. C.	General	2,831
Porto Bello [3]	28	28	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Col. Riche [5]			Amer.	U. S. Navy	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge.	
Marna	28	29	Dan.	J. Lauritzen	New York, N. Y.	Talcahuano, Chile	General	1,980
Istmo	27	29	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	642
Anglo Indian	28	29	Brit.	Canadian Transp. Co.	Montreal, Canada	Victoria, B. C.	General	2,189
Flomar	29	29	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,797
K. I. Luckenbach.	29	29	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,693

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [9] Destroyer. [10] Mine sweeper. [13] Barge. [14] Scrap steel, general. [15] General, paper, pulp, etc. [16] Towing barge No. 3680. [17] Bananas from Gatun Lake. [18] For bananas and towing barge No. 5441. [19] For bananas and return. [20] Rosin, pig iron. [21] Pipe, steel, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
City of Mandalay	29	29	Brit...	Ellerman & Bucknall.	Baltimore, Md...	Dairen, China...	General.....	6,570
Ino [2].....	27	29	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	71
Cachapoal.....	28	29	Chile..	Cia. Sud. Amer. de Vapores.	Liverpool, Eng...	Valparaiso, Chile.	Ballast.....	.....
Frank [3].....	29	...	Pan...	E. J. Hooper.....	Cristobal, C. Z...	Balboa, C. Z....	Ballast.....	.....
Glorian [5].....	20	...	Pan...	W. B. Boggs.....	Cristobal, C. Z...	Balboa, C. Z....	Ballast.....	.....
Miramar [5].....	28	...	Pan...	C. J. Samuels.....	Cristobal, C. Z...	Gatun, C. Z.....	(14)	.....
No. 3680 [13].....	28	...	Pan...	C. J. Samuels.....	Cristobal, C. Z...	Gatun, C. Z. [15]..	.....	10
Minnesotan.....	30	30	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General.....	3,850
Eknaren [2].....	29	30	Swed..	Transatlantic S. S. Co.	Goth'burg, Swed.	S. Francisco, Cal.	Ballast.....	.....
Eugenie S. Embiricos.	30	30	Greek.	S. J. Embiricos.....	Rotterdam, Neth.	Vancouver, B. C.	Ballast.....	.....
Bidevind [2].....	30	30	Nor...	Silver Line.....	Rotterdam, Neth.	Los Angeles, Cal.	Ballast.....	.....
Cerigo.....	27	30	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Callao, Peru.....	General.....	720
Sage Brush.....	30	30	Amer..	Shepard S. S. Co.....	Boston, Mass....	Tacoma, Wash..	General.....	5,187
Knute Nelson [2]..	30	1	Nor...	Fred Olsen & Co.....	Oslo, Norway...	Vancouver, B. C.	General.....	3,097
Lady Glanely [2]..	30	31	Brit...	Seaboard Ship. Co...	London, England	Vancouver, B. C.	Ballast.....	.....
King Stephen [2]..	30	31	Brit...	Westmoor...	Gibarra, Cuba...	Brit. Columbia..	Ballast.....	.....
Port Huon [2].....	31	31	Brit...	Port Line, Ltd.....	Middlesb'h, Eng.	Wellington, N. Z.	Gen., steel..	8,545
Trecarrell.....	31	31	Brit...	A. D. Midland Co....	Cardiff, Wales...	Portland, Oreg...	Ballast.....	.....
Hegira.....	31	31	Amer..	Pac. Coast Dir. Line.	Norfolk, Va.....	Seattle, Wash...	General.....	2,757
Nuevo Panama [2].	27	31	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Salina Cruz, Mex.	Ballast.....	.....
Edgar F. Luckenbach.	31	31	Amer..	Luckenbach Line....	Houston, Tex...	Tacoma, Wash..	General.....	5,422
Itauri.....	30	1	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Valparaiso, Chile.	General.....	5,448
Ferncourt [1] [2]....	1	1	Nor...	Petrofina.....	Dunkerque, Fr..	Talara, Peru....	Ballast.....	.....
Embassage.....	1	1	Brit...	Anglo-Can. S. S. Co..	Barry, England..	Vancouver, B. C.	Ballast.....	.....
Lihue.....	1	1	Amer..	Isthmian S. S. Lines.	Baltimore, Md...	Los Angeles, Cal.	General.....	4,771
President de Vogue. [1] [2]	31	1	Nor...	Comp. des Prod. Chimiques et Raff.	Pt. de Bouc, Fr..	Talara, Peru....	Ballast.....	.....
Steelore.....	1	1	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Blythmoor.....	1	1	Brit...	Seaboard Ship. Co...	Newcastle, Eng..	Vancouver, B. C.	Ballast.....	.....
Kinai Maru [2]....	31	1	Jap...	Osaka Shosen Kaisha.	London, England	Dairen, China...	General.....	6,615
Recina.....	1	1	J-Slav.	Prekomorska Phov'ba	Rotterdam, Neth.	Portland, Oreg...	Ballast.....	.....
San Ambrosio [1] [2]	1	2	Brit...	Eagle Oil Co.....	Dublin, Ireland..	S. Francisco, Cal.	Ballast.....	.....
Queen Victoria [2]..	1	1	Brit...	Thos. Dunlop & Sons.	Newcastle, Eng..	Seattle, Wash...	Ballast.....	.....
Iddesleigh.....	1	2	Brit...	W. J. Tatem, Ltd....	Barry, England..	N. Pacific port...	Ballast.....	.....
Breda.....	31	1	Neth..	Royal Neth. S. S. Co..	Hamburg, Ger...	Corral, Chile...	General.....	3,265
Carrillo.....	31	2	Amer..	United Fruit Co.....	Boston, Mass....	Pto. Arm'les, R. P.	Ballast.....	.....
Astoria [2].....	1	2	Dan...	Isbrandtsen Moller...	Baltimore, Md...	Manila, P. I....	General.....	4,086
La Plata Maru [2]..	1	2	Jap...	Osaka Syosen Kaisya.	Buenos Aires, Arg.	Kobe, Japan....	General.....	4,507
Salvador.....	25	2	Brit...	Pacific Steam Nav. Co.	Cristobal, C. Z..	Champ'ico, Guat.	General.....	975
Margrethe Bakke [2]	1	2	Nor...	Knutsen Line.....	Belfast, Ireland..	Vancouver, B. C.	Ballast.....	.....
Karmt [2].....	1	5	Nor...	Chile Nit. Sales Corp.	Charleston, S. C.	Chile.....	Ballast.....	.....
Valparaiso [2].....	1	2	Swed..	Johnson Line.....	Goth'burg, Swed.	Valparaiso, Chile.	Cement, gen.	1,246
Silversandal [2]....	1	2	Brit...	Kerr S. S. Co.....	New York, N. Y.	Manila, P. I....	General.....	4,622
San Calisto [1] [2]..	1	2	Brit...	Anglo-Saxon Pet. Co.	Aruba, N. W. I..	Los Angeles, Cal.	Ballast.....	.....
Gracia.....	2	2	Brit...	Donaldson Line.....	Glasgow, Scotland	Vancouver, B. C.	General.....	1,572
Nurtureton.....	2	2	Brit...	Canada Shipping Co..	Rio de Janeiro...	Vancouver, B. C.	Ballast.....	.....
Orotava.....	31	3	Hond..	United Fruit Co.....	Baltimore, Md...	Pto. Arm'les, R. P.	Ballast.....	.....
Slemmestad [2]....	2	2	Nor...	Fern Line.....	Montreal, Canada	Yawata, Japan..	(16)	7,104
Ambassador.....	2	2	Brit...	Chile Nit. Sales Corp.	Barry, England..	Chile.....	Ballast.....	.....
Alabaman.....	2	3	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	4,083
Sambu [2].....	1	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pedregal, R. P...	General.....	65
Nathan [2].....	2	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z. [15]..	.....	20
Geo. M. Embiricos	2	3	Greek.	S. G. Embiricos.....	Barry, England..	Brit. Columbia..	Ballast.....	.....
Ewa.....	2	3	Amer..	Matson Nav. Co.....	Baltimore, Md...	Hawaiian Islands	(17)	1,862
Persephone [1] [2]..	3	3	Pan...	W. Tankschiff Rhed'i.	Caripito, Venez..	Tocopilla, Chile.	Fuel oil.....	11,591
Hoxbar [1].....	3	3	Amer..	Petrol Corp.....	Philadelphia, Pa.	Los Angeles, Cal.	Ballast.....	.....
Amerikaland [2]....	3	3	Swed..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Kostis.....	3	3	Greek.	Mrs. V. Vemiraki....	Barry, England..	Los Angeles, Cal.	Ballast.....	.....
Kaipara [2].....	3	4	Brit...	Mont.-Aust.-N.Z. Line	Barrow, England.	Dunedin, N. Z...	General.....	7,032
Cachalot [7].....	27	...	Amer..	U. S. Navy.....	New York, N. Y.	Balboa, C. Z....	Ballast.....	.....
Cuttlefish [7].....	29	...	Amer..	U. S. Navy.....	U. S. port.....	Balboa, C. Z....	Ballast.....	.....
Jefferson Myers..	3	4	Amer..	Quaker Line.....	Albany, N. Y...	Seattle, Wash...	General.....	3,070
Hermion [2].....	3	4	Nor...	K. Line.....	Baltimore, Md...	Kobe, Japan....	General.....	7,581
Heina [2].....	3	4	Nor...	W. I. Trading Co....	Cardiff, Wales...	Vancouver, B. C.	Ballast.....	.....
Sawokla [2].....	2	4	Amer..	Roosevelt S. S. Co...	Baltimore, Md...	Shanghai, China.	General.....	6,533
Ionic Star.....	4	4	Brit...	Blue Star Line.....	Newcastle, Eng..	N. Westm'er, B. C.	Ballast.....	.....
Yomachichi [2]....	4	4	Amer..	Roosevelt S. S. Co...	New York, N. Y.	Adelaide, Aust...	General.....	4,231
Orbita.....	3	4	Brit...	Pacific Steam Nav. Co.	Liverpool, Eng...	Valparaiso, Chile.	General.....	2,545
Walter A. Luckenbach.	4	4	Amer..	Luckenbach Line....	Boston, Mass....	Seattle, Wash...	General.....	3,842
Trois Ilets.....	3	4	Fr....	French Line.....	Cristobal, C. Z..	Manta, Ecuador.	General.....	44
Oakland [2].....	3	4	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Vancouver, B. C.	General.....	5,073
Istmo.....	3	5	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	895
Frank [3].....	4	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [13] Barge. [14] Towing barge No. 3680. [15] For bananas and return to Cristobal. [16] Scrap iron, tin. [17] General, fertilizer, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Porto Bello [3]	4	4	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Joan [5]	24		Pan	D. McAllister	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Dallington Court	4	5	Brit	Haldin & Phillipps	Barry, England	Pacific coast	Ballast	
W. H. Berg [1]	5	5	Amer	Standard Oil of Calif.	Hamburg, Ger.	S. Francisco, Cal.	Ballast	
Montanan	5	5	Amer	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash	General	3,295
Santa Rita [2]	4	5	Amer	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,540
Coloradan	5	5	Amer	Amer.-Hawaiian Line	Baltimore, Md.	Seattle, Wash	General	3,965
Clio [2]	4	5	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	97
Nero [2]	3	5	Neth	Royal Neth. S. S. Co.	Cristobal, C. Z.	Manta, Ecuador	General	91
City of Los Angeles	5	6	Amer	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	4,015
Waimarama [2]	5	5	Brit	Shaw, Savill & Albion	Liverpool, Eng.	Pt.Chalmers,N.Z.	Gen., expl.	4,407
Canadian Constructor.	5	6	Brit	Mont.-Aust.-N.Z.Line	Pt. Alfred, Can.	Sydney, Aust.	Newsprint	4,600
Narenta	5	5	Brit	Royal Mail Lines	Swansea, Eng.	N. West'er, B. C.	Ballast	
Miramar [5]	4		Pan	C. J. Samuels	Cristobal, C. Z.	Gatun, C. Z. [16]		
No. 3680 [13]	4		Pan	C. J. Samuels	Cristobal, C. Z.	Gatun, C. Z. [17]		10
Hagan [1]	5	6	Amer	Penn. Shipping Co.	PerthAmboy,N.J.	Los Angeles, Cal.	Ballast	
Monkleigh	6	6	Brit	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	
Eastern Guide	6	6	Amer	Prudential S. S. Co.	Norfolk, Va.	Los Angeles, Cal.	General	3,200
Bastidas [4]	6		Col	Colombian Govt	Barranquilla,Col.	Balboa, C. Z.	Drydocking	
Bogota [2]	4	6	Ger	North German Lloyd.	Cristobal, C. Z.	Callao, Peru	General	342
Chickasaw City	6	6	Amer	Isthmian S. S. Lines	Portland, Oreg.	Seattle, Wash	([13])	3,962
Pacific Exporter [2]	7	7	Brit	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	296
Canal Chacao [14]	4	7	Chile	Chilean Govt. R. R.	Copenhagen,Den.	Iquique, Chile	Ballast	
Sheaf Crown	7	8	Brit	Continental Grain Co.	Galveston, Tex.	Geelong, Aus'lia.	Sulphur	7,802
Chilean Reefer [2]	7	7	Dan	J. Lauritzen	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Minerva [2]	7	7	Nor	Chile Nit. Sales Corp.	Jacksonville, Fla.	Tocopilla, Chile	Ballast	
Gryfevale	7	7	Brit	Chile Nit. Sales Corp.	Alexandria,Egypt	Ant'fagasta,Chile	Ballast	
Chilore	7	7	Amer	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
District of Columbia. [1]	7	7	Amer	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Petroleum	2,750
Pereira	3	8	Pan	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,238
Nicolaou Zografia	7	8	Greek	George Nicolaou	Amsterdam, Neth	Brit. Columbia	Ballast	
Yamagiri Maru [2]	7	8	Jap	Yamashita K. Kaisha	Buenos Aires, Arg.	Kobe, Japan	Gen., cotton.	6,291
Nordnes	8	8	Nor	States Marine Corp.	Baltimore, Md.	Valparaiso, Chile.	R.R.material	6,146
Athelprincess [1] [2]	8	8	Brit	Daido Kaium Kab. K.	Birkenhead, Eng.	Los Angeles, Cal.	Ballast	
Alondra	7	8	Chile	Chilean State Ry.	Liverpool, Eng.	Valparaiso, Chile.	Ballast	
Aachen	7	8	Ger	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	7,065
Evagoras	8	9	Brit	Troodos Ship. Co.	Barry, England	Brit. Columbia	Ballast	
Nicoline Maersk [2]	8	9	Dan	A. P. Moller	Baltimore, Md.	Yokohama, Japan	Scrap rails	7,350
Ardangorm	9	9	Brit	Canadian Ship. Co.	Glasgow, Scot.	Brit. Columbia	Ballast	
Turrialba	8	9	Amer	United Fruit Co.	New York, N. Y.	Pto.Arm'les,R.P.	Ballast	
Lochgoil [2]	8	10	Brit	N. Pac. Coast Line	Rotterdam, Neth.	Portland, Oreg.	General	1,621
Tropic Star [2]	9	9	Nor	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile	Ballast	
Fernbank [2]	9	9	Nor	Fern Line	Mobile, Ala	Moji, Japan	([19])	7,140
Torvanger	9	10	Nor	Chile Nit. Sales Corp.	Rotterdam, Neth.	Iquique, Chile	Ballast	
Carolinian	9	9	Amer	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,782
Sacramento Valley	9	10	Brit	Jefferson Lake Oil Co.	Freeport, Tex.	Fremantle, Aust.	Sulphur	7,600
Tuira [2]	8		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	8	9	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	50
Sona [2]	8	9	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	20
Taybank [2]	9	10	Brit	Regular Service	New Orleans, La.	Los Angeles, Cal.	Ballast	
Losada [2]	9	19	Brit	Pacific Steam Nav.Co.	Hull, England	Coronel, Chile	General	2,309
Oakmar	9	10	Amer	Calmar Line	Baltimore, Md.	Seattle, Wash	Steel, gen.	5,924
Litiopa [1]	10	10	Nor	Petroleo Mexicano	Tampico, Mexico	Manzanillo, Mex.	Fuel, gas oil.	7,129
Peter Kerr	9	10	Amer	States S. S. Co.	Norfolk, Va.	Seattle, Wash	([20])	3,372
Danio [2]	10	10	Nor	N. Atl. & Gulf S. S. Co	Baltimore, Md.	Chicama, Peru	Ballast	
San Mateo	10	10	Fr	French Line	Havre, France	Vancouver, B. C.	Gen., chalk.	1,927
Acacia [15]	10		Amer	U. S. Government	San Juan, P. R.	Balboa, C. Z.	Drydocking	
Nordstjernan [2]	10	10	Swed	Johnson Line	Stockholm,Swed.	Vancouver, B. C.	Gen., paper.	4,370
Sea Horse [5]			Amer	N. E. Parker	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
La Union [2]	9		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	

PACIFIC TO ATLANTIC

Liberty Glo	10	11	Amer	Amer.-For. S. S. Corp.	Olympia, Wash	Bridgeport,Conn.	Lumber	7,600
Munchen [2]	10	11	Ger	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,652
Point Palmas	11	11	Amer	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla	General	6,398
Santa Maria [2]	11	11	Amer	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	4,173
Acajutla	11	18	Brit	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	([21])	563
Texan	11	11	Amer	Amer.-Hawaiian Line.	Seattle, Wash	Boston, Mass.	General	9,220
Real [2]	11	12	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	22
Sona [2]	11	12	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
La Union [2]	10	12	Pan	A. A. Valdes	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Sambu [2]	11	12	Pan	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	47

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [13] Barge. [14] Ferry. [15] Lighthouse tender. [16] Towing barge No. 3680. [17] For bananas and return to Cristobal. [18] Steel products, general. [19] Cotton, pig iron. [20] General, automobiles, oil. [21] Wood, coffee, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Porto Bello [2]	11	11	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	4
Tacoma	11	13	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	(16)	8,237
Mostun [2]	11	12	Nor.	Neptune Shipping Co.	S. Francisco, Cal.	Liverpool, Eng.	Fresh fruit	1,600
Frida	11	12	Dan.	West Coast Line	Talcahuano, Chile	New York, N. Y.	Nitrate, gen.	2,655
CressingtonCourt [2]	11	12	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Quebec, Canada	Lumber, gen.	7,350
Texmar	12	12	Amer.	Calmar Line	Tacoma, Wash.	New York, N. Y.	Lumber	6,786
Horace Luckenbach.	12	12	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,604
Ino [2]	12	15	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(17)	554
Tairoa	12	12	Brit.	Shaw, Savill & Albion	Gladstone	London, England	Frozen, gen.	6,966
Amerikaland [2]	12	13	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,250
Trontolite [1 2]	12	13	Brit.	Imperial Oil Co.	Talara, Peru	Montreal, Canada	(18)	7,618
Rangitane [2]	12	13	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	London, England	Frozen, gen.	5,950
Bogota [2]	12	15	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	1,026
Nero [2]	13	15	Neth.	Royal Neth. S. S. Co.	Tumaco, Col.	Cristobal, C. Z.	Coffee	300
California Standard. [1 2]	12	12	Pan.	Anglo-Amer. Oil Co.	El Segundo, Calif.	Avonmouth, Eng.	Gasoline	15,269
Pennmar	12	13	Amer.	Calmar Line	Portland, Oreg.	Baltimore, Md.	Lum., copper	7,060
Falcon	12	13	Amer.	Grace Line	Valparaiso, Chile.	Baltimore, Md.	Ores, sugar	3,691
Reginolite [1 2]	12	13	Brit.	Imperial Oil Co.	Talara, Peru	Halifax, N. S.	Crude oil	12,200
Martin Bakke [2]	12	13	Nor.	Knutsen Line	Los Angeles, Cal.	Glasgow, Scot.	(19)	7,734
Montgomery City	12	13	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	(20)	8,382
Woodcock [4]	13	...	Amer.	U. S. Navy	Balboa, C. Z.	Guanta'o, Cuba.	.....	.....
Patria [2]	13	14	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	5,551
Karmt [2]	13	14	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Wilmington, N.C.	Nitrate	8,849
San Diego	14	15	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth.	General	6,691
Georgian	14	14	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	8,900
Lobos [2]	14	14	Brit.	Pacific Steam Nav. Co	Antof'gasta, Chile	Hull, England	General	8,420
Poseidon	14	14	Ger.	Hamburg-Amer. Line.	Salaverry, Peru	Hamburg, Ger.	General	7,956
Lena Luckenbach	14	14	Amer.	Luckenbach Gulf Co.	Astoria, Wash.	Mobile, Ala.	Lumber, gen.	6,725
Villanger [2]	14	14	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Havre, France	General	7,349
Anten	14	15	Swed.	Transatlantic S. S. Co.	Port Pirie, Aust.	London, England	(21)	8,519
Lancaster	15	15	Amer.	Weyerhaeuser S.S. Co.	Portland, Oreg.	New York, N. Y.	(22)	8,845
Hoxbar [1]	15	15	Amer.	Petrol Corp	Pt. Petrol, Calif.	Philadelphia, Pa.	Crude oil	10,191
Tampico [1]	14	16	Ital.	F. A. Gibson, Ltd.	S.LuisObispo, Cal	Trieste, Italy	Crude oil	6,305
Julia Luckenbach.	15	15	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	(23)	9,894
Orotava	15	15	Hond.	United Fruit Co	Pto.Arm'les, R.P.	Baltimore, Md.	Bananas	1,100
Nuevo Panama [2]	15	16	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	212
Santa Maria [1]	15	17	Amer.	Union Oil Co. of Calif.	Los Angeles, Cal.	Cristobal, C. Z.	Diesel oil	11,600
Steelore	16	16	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
El Oso [1]	15	16	Brit.	C. T. Bowring & Co.	La Libertad, Ecu.	Ellesmere, Eng.	(24)	9,970
Canada [2]	16	16	Dan.	East Asiatic Co	Vancouver, B. C.	Copenhagen, Den.	General	9,252
Myrtlebank [2]	15	16	Brit.	Bank Line, Ltd.	Cairns, Australia.	Montreal, Canada	Sugar	8,293
H. M. Storey [1]	15	16	Amer.	Standard Oil of Calif.	Estero Bay, Calif.	Havre, France	Crude oil	13,691
Nore [1 2]	16	16	Pan.	Anglo-Saxon Pet. Co.	Richmond, Calif.	Curacao, N. W. I.	(25)	12,095
Wearpool [2]	16	16	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	General	8,340
Jutland	16	16	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	Liverpool, Eng.	Wheat, lum.	9,400
Wind Rush	16	16	Amer.	Shepard S. S. Co.	Astoria, Oreg.	Boston, Mass.	Lumber, gen.	8,222
Tropic Star	16	16	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N.C.	Nitrate	8,280
Agios Georgios IV	16	16	Greek.	Seaboard Ship. Co.	Pt. Alberni, B. C.	London, England	Wheat, lum.	8,330
Navarino	16	17	Brit.	Canadian Transp. Co.	Portland, Oreg.	Grangem'th, Scot.	Wheat, lum.	8,334
Nebraskan	16	17	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,686
Santa Rita [2]	17	17	Amer.	Grace Line	Chanaral, Chile.	New York, N. Y.	(26)	3,526
Lochavon [2]	17	18	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	General	9,306
Maine	17	18	Amer.	Calif.-Eastern Line.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,364
Alkmaar	17	18	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	9,762
General Wm. M. Graham. [11]	17	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Goon [5]	17	...	Amer.	25th Squadron Fund.	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Trois Ilets	17	21	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	(27)	438
Barendrecht [1 2]	18	18	Neth.	W. Tankschiff Rhed'i	Talara, Peru	Rotterdam, Neth.	Gasoline	13,887
Gertrude Maersk [2]	18	19	Dan.	Isbrandtsen Moller.	Bugo, P. I.	Baltimore, Md.	General	6,726
Frimaire [1]	18	19	Fr.	Raffineries de Berre	Talara, Peru	Berre, France	Crude oil	13,180
Napier Star	18	18	Brit.	Blue Star Line	Auckland, N. Z.	London, England	Frozen, gen.	8,536
Hermonthis [2]	18	18	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	6,085
Real [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Sona [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	27
Tuira [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Sambu [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	46
M-101 [5]	18	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Porto Bello [2]	18	18	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(28)	8
City of Los Angeles.	18	19	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	7,021
Dalveen	16	19	Brit.	Phosphates d'Oceanic	Makatea, T. A.	Landskrona, Swed	Phosphate	7,650
Columbian	19	19	Brit.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	6,513
Gogovale	19	19	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [29]	Nitrate	7,310

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [11] Mine planter. [15] Plantains, empty drums. [16] Lumber, fruit, general. [17] Cacao, coffee, general. [18] Casinghead, gasoline. [19] Lumber, fruit, general. [20] Lumber, pulp, general. [21] Copra, cocoa, general. [22] Lumber, lead, general. [23] Canned and dried fruits. [24] Oil, grades A and B. [25] Kerosene distillate. [26] Sugar, copper, coffee. [27] Coffee, ivory, wax. [28] Plantains, oranges. [29] For orders.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Tigre [2]	19	20	Nor.	Fred Olsen Line	S. Francisco, Cal.	Oslo, Norway	(14)	6,158
Minerva [2]	19	20	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	Nit. of soda	9,400
Quito [2]	20	29	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	986
Nero [2]	20	22	Neth.	Royal Neth. S. S. Co.	Tumaco, Col.	Cristobal, C. Z.	Coffee, hides.	383
Temple Yard	19	20	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	London, England	Lumber, gen.	8,828
Vinni [2]	20	21	Nor.	Kawasaki K. Kaisha	Kobe, Japan	New York, N. Y.	Silk, general.	2,280
Edwin Christenson.	20	20	Amer.	Sudden & Christenson	So. Bend, Wash.	Baltimore, Md.	Lumber	7,591
Harry Luckenbach.	20	20	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	10,000
Pilcot	20	20	Brit.	Seaboard Ship. Co.	Victoria, B. C.	Montreal, Canada	Lumber	6,950
Keiyo Maru [2]	20	21	Jap.	Nippon Yusen Kaisha	Keelung, China	Philadelphia, Pa.	Sugar, gen.	8,633
John Cabot	20	24	Brit.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	183
Glorian [5]	20	29	Amer.	W. B. Boggs	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Lagarto [2]	20	21	Brit.	Pacific Steam Nav. Co	Talcahuano, Chile	Hull, England	General	6,608
Port Hunter	20	21	Brit.	Port Line, London	New Zealand	London, England	Frozen, gen.	6,288
Clio [2]	21	22	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, wood	532
Istmo	21	22	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	730
Elstree Grange	21	22	Brit.	Furness, Withy & Co.	Portland, Oreg.	Glasgow, Scot.	Fruit, gen.	4,304
Marija Petrinovic	20	21	Y-Slav	Chile Nit. Sales Corp.	Tocopilla, Chile	Alexandria, Egypt	Nit. of soda.	8,330
Ensley City	21	21	Amer.	Isthmian S. S. Lines	Kahului, T. H.	Baltimore, Md.	(15)	7,654
Maranon	21	21	Peru	C. P. V. D.	Callao, Peru	Iquitos, Peru	General	572
Krossfonn [1] [2]	21	21	Nor.	Pechelbronn, Paris	Cabo Bl'co, Peru	Donges, France	Crude oil	15,399
BonningtonCourt [2]	21	21	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	(16)	7,913
W. S. Rheem [1]	22	22	Amer.	Standard Oil of Calif.	San Luis, Calif.	Dunkerque, Fr.	Oil, grade C.	14,022
San Cipriano [2]	21	22	Brit.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	Aruba, N. W. I.	Gasoline	11,726
Yamaura Maru	22	22	Jap.	Yamashita K. Kaisha	Yokohama, Japan	Buenos Aires, Arg.	(17)	8,590
Leme [2]	20	23	Ital.	Italia, S. A. N.	Vancouver, B. C.	Trieste, Italy	General	6,860
Nestos	22	22	Greek	De Ventas de Salitre	Antof'gasta, Chile	Azores	Nitrate	8,400
Argual	22	22	Hond.	United Fruit Co.	Pto. Arm'les, R. P.	Baltimore, Md.	Bananas	880
Royal Star	22	22	Brit.	Blue Star Line	N. Westm'er, B. C.	Newcastle, Eng.	Fruit, gen.	6,759
Leipzig [2]	22	23	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,121
Ferncliff [2]	22	23	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nit. of soda	7,750
San Calisto [1] [2]	23	23	Brit.	Eagle Oil & Ship. Co.	Martinez, Calif.	Aruba, N. W. I.	Gasoline	11,693
Sandhamn [2]	23	23	Swed.	Seaboard Shipping Co.	Woodfibre, B. C.	Philadelphia, Pa.	(18)	7,330
San Lucas	23	23	Amer.	Pac.-Atlantic S. S. Co.	Longview, Wash.	Philadelphia, Pa.	Lumber, gen.	9,800
Ruahine	22	23	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	5,624
Point Caleta	23	23	Amer.	Gulf-Pacific Line	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	6,350
Harbledown	24	24	Brit.	Seaboard Shipping Co.	Port Alice, B. C.	Boston, Mass.	Lumber, pulp	7,900
Australian Reefer [2]	24	24	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine	Fruit	1,763
Rose [2]	24	24	Nor.	Fred Olsen & Co.	N. Westm'er, B. C.	Liverpool, Eng.	Fresh fruit	1,553
Eskdene	24	25	Brit.	Lautors Nitrate	Antof'gasta, Chile	Azores [13]	Nitrate	6,300
City of San Francisco.	24	25	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	6,875
Portland [2]	25	25	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	6,282
Vega	24	28	Amer.	U. S. Navy	Bremerton, Wash.	Boston, Mass.	Navy stores.	2,909
Salvador	25	2	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	.....	276
Santa Lucia	24	25	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,723
San Jose	25	26	Fr.	French Line	Vancouver, B. C.	Rotterdam, Neth	General	4,947
Arkansan	25	25	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,556
Waynegate	25	25	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	8,556
Maria de Larrinaga.	25	25	Brit.	Seaboard Shipping Co.	Pt. Alberni, B. C.	Hull, England	Lum., grain	8,080
Mosfruit [2]	25	26	Nor.	M. Mosvold	Los Angeles, Cal.	Rotterdam, Neth.	Fresh fruit	1,803
Porto Bello [2]	25	25	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(19)	6
Real [2]	25	26	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	31
Sona [2]	25	26	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	16
Luis [2]	25	..	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	16
Tai Yin [2]	25	27	Nor.	Wilh. Wilhelmsen	Davao, P. I.	New York, N. Y.	General	7,799
Pacific Pioneer [2]	26	26	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	Fruit, gen.	8,627
Gertrude Kellogg [1]	26	26	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New York, N. Y.	Coconut oil	6,685
Dakotan	26	26	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Boston, Mass.	General	6,856
Hanley	26	26	Amer.	Weyerhaeuser S. S. Co.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	9,308
Gregalia	25	26	Brit.	Donaldson Line	Victoria, B. C.	Glasgow, Scot.	General	6,551
British Columbia Express. [2]	26	26	Nor.	Fruit Express Line	Seattle, Wash.	Glasgow, Scot.	Fresh fruit	2,425
Trondanger [2]	26	27	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Stockholm, Swed.	Grain, gen.	8,047
Bodegraven	26	27	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,303
Axel Johnson [2]	27	28	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	(20)	6,227
Paul Luckenbach.	27	27	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,000
Nuevo Panama [2]	27	1	Pan.	Elliot Ship. & Land Co.	Puntarenas, C. R.	Cristobal, C. Z.	Ballast	.....
Trois Ilets	27	28	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	300
Cerigo	27	30	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, hides	961
Laila	27	27	Dan.	J. Lauritzen	Talcahuano, Chile	New York, N. Y.	Nitrate, gen.	2,680
Nero [2]	27	28	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	General	452
Istmo	27	29	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	618
Silverwillow [2]	26	27	Brit.	Silver Line, Ltd.	Calcutta, India	South Africa	(21)	5,691

[1] Tanker. [2] Motor ship. [5] Launch. [13] For orders. [14] Barley, fruit, general. [15] Sugar, canned pineapples. [16] Lumber, wheat, general. [17] Silk, ore, sugar, general. [18] Lumber and wood pulp. [19] Fruit, plantains. [20] Zinc, fruit, general. [21] Coconut oil, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Ino [2]	27	29	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(14)	452
Floridian	27	28	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,575
Orduna	28	29	Brit.	Pacific Steam Nav. Co	Valparaiso, Chile.	Liverpool, Eng.	Coffee, gen.	7,039
Anniston City	27	28	Amer.	Isthmian S. S. Lines.	Pt. Angeles, Wash.	Baltimore, Md.	(15)	7,985
Steel Worker	27	28	Amer.	Isthmian S. S. Lines.	N. Westm'er, B.C.	Avonmouth, Eng.	General	8,379
Elias G. Kulukundis.	28	29	Greek.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	9,400
Massmar	28	28	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lum., copper	7,320
Baldbutte [1]	28	29	Amer.	Shell Oil Co	Los Angeles, Cal.	Baltimore, Md.	Gasoline	8,698
Republic [8]	28	29	Amer.	U. S. Army	Honolulu, T. H.	Brooklyn, N. Y.	Army stores.	544
Vinland [2]	29	29	Nor.	Knutsen Line	Taleahuano, Chile	Oslo, Norway	General	6,877
Jacob Luckenbach	29	29	Amer.	Luckenbach Line	Portland, Oreg.	Tampa, Fla	Lumber, gen.	7,264
Sea Thrush	29	29	Amer.	Shepard S. S. Co.	Seattle, Wash.	Albany, N. Y.	Lumber, gen.	7,103
Zacapa	29	29	Amer.	United Fruit Co.	Pto. Arm'les, R. P.	Baltimore, Md.	Bananas	1,200
Vermont	29	29	Amer.	Calif.-Eastern Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,518
Fortuna [2]	27	29	Pan.	Hans Unger	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Skjelbred [2]	29	30	Nor.	Kawasaki K. Kaisha	Keelung, Formosa	New York, N. Y.	General	4,551
El Mirlo [1] [2]	29	30	Brit.	C. T. Bowring & Co.	La Libertad, Ecu.	Ellesmere, Eng.	(16)	11,523
Arizona	30	31	Fr.	French Line	Valparaiso, Chile.	Dunkerque, Fr.	Copper, gen.	7,941
Tuscaloosa City	30	30	Amer.	Isthmian S. S. Lines.	Hilo, T. H.	Baltimore, Md.	(17)	8,153
Northleigh	30	30	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Hull, England	Wheat, lum.	9,108
Bethore	31	31	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Nurnberg [2]	30	1	Ger.	North German Lloyd.	Taleahuano, Chile	Bremen, Ger.	General	6,541
Ludington	28	1	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	General	1,181
Sanyo Maru [2]	31	31	Jap.	Osaka Syosen Kaisya.	Dairen, China	Hamburg, Ger.	General	5,891
Gretavale	31	1	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [13]	Nitrate	7,325
West Notus	30	1	Amer.	McCormick S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	7,246
Nevadan	31	1	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,504
M-238 [5]	31	..	Amer.	U. S. Army	Miraflores, C. Z.	Cristobal, C. Z.	Ballast	.....
City of Norfolk	31	1	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	(18)	6,007
Port Montreal [2]	31	1	Brit.	Mont.-Aust.-N.Z. Line	Adelaide, Aus'lia.	Montreal, Canada	(19)	5,100
Yorkmar	1	1	Amer.	Calmar Line	Aberdeen, Wash.	Baltimore, Md.	Lumber	6,752
Santa Barbara [2]	1	1	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	4,745
Sambu [2]	1	2	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	43
Frank [2]	1	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	31
Geddington Court	1	2	Brit.	Canadian Transp. Co.	Portland, Oreg.	Dublin, Ireland	Wheat, lum.	9,847
Susan V. Luckenbach.	2	2	Amer.	Luckenbach Line	S. Francisco, Cal.	Boston, Mass.	Lumber, gen.	8,178
Schwaben	2	3	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	6,974
Grete Maersk [2]	2	3	Dan.	Maersk Line	Oosthaven, Sum.	Baltimore, Md.	Veg. oil, gen.	7,700
Tamaroa	1	2	Brit.	Shaw, Savill & Albion	Pt. Chalmers, N.Z.	London, England	Frozen, gen.	5,626
Elisabeth Bakke [2]	2	2	Nor.	Knutsen Line	Vancouver, B. C.	Manchester, Eng.	Fruit, gen.	7,597
Baldhill [1]	2	3	Amer.	Shell Union Oil, Inc.	Los Angeles, Cal.	Fall River, Mass.	Fuel oil	9,168
Norman Star	2	3	Brit.	Blue Star Line	Seattle, Wash.	Buenos Aires, Arg.	Frozen, fruit.	4,072
Porto Bello [2]	1	2	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Fruit, lum.	7
Svealand [2]	2	3	Swed.	Ore S. S. Corp	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,700
Malaya [2]	2	3	Dan.	East Asiatic Co.	Vancouver, B. C.	Hull, England	General	12,240
Aurora [1]	2	3	Amer.	Soeony Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	9,723
Duala [2]	2	3	Nor.	East Asiatic Co.	Seattle, Wash.	Goth'burg, Swed.	Fruit, salmon	1,132
Nero [2]	2	5	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	(20)	258
Laurits Swenson [2]	3	4	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	8,274
Pereira	3	8	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	307
Trois Ilets	3	4	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	194
Margaret Johnson. [2]	3	3	Swed.	Johnson Line	Seattle, Wash.	Stockholm, Swed.	Fruits	5,976
Istmo	3	4	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	280
Eli [2]	3	3	Nor.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Antwerp, Belgium	General	7,226
Washingtonian	3	3	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	8,632
Arizonan	3	3	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	7,577
Clio [2]	4	5	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(21)	468
Bogota [2]	4	6	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	923
Loehkatrine [2]	4	5	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	Fruit, gen.	10,031
Grangepark	4	4	Brit.	J. & J. Denholm, Ltd.	Papeete, Tahiti.	Marseilles, France	Copra	4,609
Pomona	4	5	Amer.	Weyerhaeuser S.S. Co.	Portland, Oreg.	Baltimore, Md.	General	10,521
American Oriole	5	5	Amer.	Puget Sound Mills Assn	Olympia, Wash.	New York, N. Y.	Lumber	7,681
Kunikawa Maru [2]	5	6	Jap.	Kawasaki K. Kaisha	Tsingtao, China.	Baltimore, Md.	General	4,723
Carrillo	5	5	Amer.	United Fruit Co.	Pto. Arm'les, R.P.	Baltimore, Md.	Bananas	1,049
Kosin Maru	5	6	Jap.	Kokusai K. Kaisha	Kobe, Japan	New York N. Y.	General	3,099
Dorothy Luckenbach.	5	5	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,982
Firmore	6	6	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
Orotava	6	6	Hond.	United Fruit Co.	Pto. Arm'les, R.P.	New Orleans, La.	Bananas	901
Macabi	6	6	Pan.	United Fruit Co.	Puntarenas, C.R.	Preston, Cuba	Ballast	.....
San Rafael	6	6	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,609
Ulm [2]	6	6	Ger.	North German Lloyd.	Seattle, Wash.	Hamburg, Ger.	Fresh fruits.	1,634
Jeff Davis [2]	6	6	Amer.	Amer.-Pioneer Line	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	7,516
Vibran [2]	6	6	Nor.	Knutsen Line	Vancouver, B. C.	Liverpool, Eng.	Fresh fruit	1,498

[1] Tanker. [2] Motor ship. [5] Launch. [8] Transport. [13] For orders. [14] Coffee, wood, rubber. [15] Lumber, pulp, general. [16] Crude oil, gasoline. [17] Sugar, pineapples, canec. [18] Canned and dried fruits. [19] Wool, tallow, pelts. [20] Coffee, empty bottles. [21] Coffee, cacao, balsam.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Santa Inez [2]	7	7	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	General	3,299
Pacific Ranger [2]	7	7	Brit.	Furness, Withy & Co.	Victoria, B. C.	Manchester, Eng.	General	8,670
Felix Taussig	7	7	Amer.	McCormick S. S. Co.	Tacoma, Wash.	Philadelphia, Pa.	Lumber, gen.	8,350
Herman Frasch	7	7	Amer.	Dutton Lumber Corp.	Everett, Wash.	Po'keepsie, N. Y.	Lumber	4,938
Vivi [1] [2]	7	8	Nor.	Standard Oil Co.	El Segundo, Cal.	Lands End [13]	Gasoline	9,449
California Express [2]	8	8	Nor.	Fruit Express Line	N.Westm'er, B.C.	Glasgow, Scotland	Fresh fruit	1,777
Dolhanna	8	8	Brit.	Anglo-Can. S. S. Co.	N.Westm'er, B.C.	London, England	Grain, lum.	8,050
Fjordaas [1] [2]	8	8	Nor.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	Lizard, Eng. [13]	Gasoline	10,016
Daldorch	8	8	Brit.	Anglo-Can S. S. Co.	N.Westm'er, B.C.	Liverpool, Eng.	Spelter, lum.	7,800
Ferncourt [1] [2]	8	8	Nor.	Petrofina, Brussels	Talara, Peru	Dunkerque, Fr.	Crude oil	13,999
West Nilus	8	9	Amer.	McCormick S. S. Co.	Seattle, Wash.	BuenosAires, Arg.	General	7,693
Acajutla	8	...	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, wood	495
Honomu	8	8	Amer.	Swayne & Hoyt	S. Francisco, Cal.	New Orleans, La.	General	7,996
Chelsea	8	8	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nit. of soda	7,850
Fella [2]	8	9	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	General	7,600
Alster	7	9	Ger.	North German Lloyd.	Chancay	Bremen, Germany	General	10,711
Cape Corso	8	8	Brit.	Lyle Shipping Co.	Chicama, Peru	New York, N. Y.	Sugar	6,121
Sona [2]	8	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Real [2]	8	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Porto Bello [2]	8	8	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(14)	8
Tuira [2]	8	9	Pan.	Jose Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	39
City of Baltimore	8	9	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	6,447
Olney [1]	8	9	Amer.	Shell Oil Co.	Los Angeles, Cal.	PerthAmboy, N.J.	(15)	9,983
Panaman	9	9	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,857
King Edwin [2]	9	9	Brit.	Mitsuibishi Co.	Dairen, China	Hamburg, Ger.	Soy beans	7,648
S-47 [7]	9	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-45 [7]	9	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-42 [7]	9	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-43 [7]	9	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
La Union [2]	9	10	Pan.	Pacifico Rios	Chitre, R. P.	Cristobal, C. Z.	Salt	35
Q-2 [5]	9	...	Amer.	U. S. Army	Balboa, C. Z.	Gamboa, C. Z.	.....	.....
Marore	10	10	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Sveadrott [1] [2]	9	10	Swed.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N.W.I.	Gasoline	13,933
President de Vogue [1] [2]	9	10	Nor.	Raffineries de Berre	Talara, Peru	Pt. de Boue, Fr.	Crude oil	13,717
Ville de Verdun	10	...	Fr.	Messageries Marit'es.	Noumea, N.Caled	Marseille, France	General	5,416
Chelyuskinets [2]	7	10	Russ.	U. S. S. R.	Vladivostok, Rus.	London, England	Canned fish	5,000
Mallard [4]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Moveria [2]	9	10	Brit.	Donaldson Line	Victoria, B. C.	Glasogw, Scotland	General	5,619
Mobile City	10	10	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	(16)	7,698
S-46 [7]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Helga	10	10	Dan.	J. Lauritzen	Antof'gasta, Chile	New York, N. Y.	General	2,700
Durazzo	10	...	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	975
Istmo	10	...	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	711
Snapper [7]	10	...	Amer.	United States Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Cuttlefish [7]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Missourian [2]	10	10	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	9,368
Viking Star	10	10	Brit.	Blue Star Line	N.Westm'er, B.C.	Newcastle, Eng.	Frozen, gen.	5,082
Cachalot [7]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [13] For orders. [14] Plantains, lumber. [15] Kerosene, solvent. [16] Lumber, copper, general.

Comparison of Traffic at the Suez and Panama Canals for the First Nine Months of the Calendar Years 1937 and 1938

The following is a comparison of traffic at the Suez and Panama Canals for the first 9 months of the calendar years 1937 and 1938:

Month	Suez Canal: Number of transits 1937	Suez Canal: Number of transits 1938	Suez Canal: Percent Increase	Suez Canal: Percent Decrease	Panama Canal: Number of transits 1937	Panama Canal: Number of transits 1938	Panama Canal: Percent Increase	Panama Canal: Percent Decrease
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
March	580	578	.....	0.4	536	506	.....	5.6
April	621	516	.....	16.9	473	487	3.0	.....
May	567	479	.....	15.5	544	465	.....	14.5
June	540	469	.....	13.1	472	445	.....	5.7
July	551	509	.....	7.6	457	429	.....	6.1
August	531	522	.....	1.7	505	468	.....	7.3
September	522	508	.....	2.7	444	438	.....	1.4
Total	5,011	4,633	.....	8.0	4,207	4,118	.....	2.1

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of May 12, 1938:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.23
Brass, sheet, average	Lb.	.34
Bronze, Tobin, average	Lb.	.23
Gasoline, motor grade	Gal.	.105
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.18
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.31
Oil, burning, Colza	Gal.	1.02
Oil, engine, gas, light, in drums, No. 2135	Gal.	.25
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.28
Oil, kerosene, in drums	Gal.	.10
Oil, marine, engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinc oxide, in oil	Lb.	.12
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, medium	Lb.	.06
Grease, yellow, cup, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Trips Through the Canal

The following lines operating passenger carrying vessels through the Canal carry local passengers from one terminal to the other: Grace Line, Johnson Line, Hamburg-American Line, North German Lloyd, Navigazione Generale Italiana, Pacific Steam Navigation Co. The Panama Pacific Line carries passengers from Balboa to Cristobal only, their rate being $10, first class only. The rate is $5 on the Grace Line, Johnson Line, and Pacific Steam Navigation Co., and $6 on the Hamburg-American Line, North German Lloyd, and Navigazione Generale Italiana vessels, first class passage. The Pacific Steam Navigation Company also have a rate of $4 second class and $2 third class.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.; 10 p. m.

From Panama: Daily, 7:05 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

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Volume XXXII Balboa Heights, C. Z., December 15, 1938 No. 5

Holiday Greetings

BALBOA HEIGHTS, C. Z., *December 15, 1938.*

At this Holiday Season, I desire to express my warm appreciation of the loyal and faithful service rendered during the year now drawing to a close by all officers and employees associated with me in the Panama Canal and the Panama Railroad Company, and to extend to them and the members of their families my best wishes for a Merry Christmas and a Happy New Year.

I desire also to extend the greetings of the Holiday Season to our good friends and neighbors of the Republic of Panama, to all those associated with us in the shipping world, and to those in the military and naval service on the Isthmus.

It is my hope that you may all enjoy health, happiness and contentment in the fullest measure during the coming year.

C. S. RIDLEY,
Governor, The Panama Canal,
President, Panama Railroad.

Traffic Through the Panama Canal in November 1938

The total vessels of all kinds transiting the Panama Canal during the month of November 1938, and for the corresponding month in the two preceding years, are shown in the following tabulation:

	November 1936	November 1937	November 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	368	435	286	219	505
Small commercial vessels [1]	67	75	39	28	67
Noncommercial vessels:					
United States Government	40	23	20	21	41
Colombian Government	1	.....	1	1	2
For repairs	1	4	.....	.....	.....
Total	477	537	346	269	615

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve months ended November 30, 1938, as compared with the twelve months ended November 30, 1937:

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Month	No. of vessels		[3] Panama Canal net tonnage		Tons of cargo		Tolls	
	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8	1936–7	1937–8
December	341	439	1,655,501	2,238,271	1,538,503	2,046,170	$1,366,388.58	$1,845,048.20
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	1,598,323.51	1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	[4]2,511,674	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	[4]2,438,985	2,652,880	2,279,235	2,067,026.68	1,961,456.58
May	544	465	2,839,127	[4]2,322,642	2,950,925	2,309,171	2,376,706.36	1,886,825.66
June	472	445	2,450,018	[4]2,227,698	2,670,466	2,122,389	2,070,337.89	1,801,291.78
July	457	429	2,395,306	[5]2,089,000	2,476,366	2,025,660	2,029,642.45	1,694,205.00
August	505	468	2,597,119	[5]2,345,000	2,780,603	2,171,674	2,195,308.87	1,890,050.74
September	444	438	2,312,725	[5]2,165,000	2,385,142	1,998,464	1,935,673.78	1,741,895.46
October	461	494	2,359,406	[5]2,459,000	2,438,788	2,359,673	1,981,087.87	1,977,706.76
November	435	505	2,280,565	[5]2,489,000	2,185,283	2,223,830	1,893,462.00	1,984,014.72
Total	5,444	5,556	27,977,165	27,659,988	28,791,099	25,899,043	23,471,413.33	22,422,586.41

[3] These figures indicate the Panama Canal net tonnage as determined under the rules of measurement in effect prior to March 1, 1938.

[4] The Panama Canal net tonnage for these four months as determined under the rules now in effect was as follows: March 1938, 2,311,526; April 1938, 2,258,836; May 1938, 2,150,228; June 1938, 2,064,793.

[5] Estimated tonnage under the former rules, based on total Panama Canal net tons as now measured, July 1938, 1,933,816; August 1938, 2,177,699; September 1938, 2,005,241; October 1938, 2,276,194; November 1938, 2,302,333.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons, Panama Canal measurement, which transited the Panama Canal during the month of November 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	[6] Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	39	1,633	$1,334.88	586
Pacific to Atlantic	28	1,374	1,235.52	1,539
Total	67	3,007	2,570.40	2,125

[6] As measured under the present Panama Canal rules.

Traffic by Nationality of Vessels [7] for November 1938

	No. of transits	[8] Panama Canal net tonnage	Tolls	Tons of cargo
British	128	641,749	$541,806.30	502,801
Chilean	3	7,231	6,108.30	3,673
Danish	17	64,730	57,056.94	72,196
French	12	58,841	51,108.12	46,631
German	26	104,421	93,101.22	107,496
Greek	16	75,032	58,831.92	42,941
Honduran	2	3,232	2,617.92	901
Italian	7	39,020	34,317.36	27,156
Japanese	15	86,854	78,168.60	83,335
Netherland	29	85,258	75,680.46	99,867
Norwegian	61	270,884	229,206.06	295,831
Panamanian	15	26,122	21,664.08	26,801
Swedish	15	70,272	59,569.38	104,410
United States	153	741,792	653,194.44	788,516
Soviet	1	3,403	3,062.70	5,000
Yugoslav	5	23,492	18,520.92	16,275
Total	505	2,302,333	1,984,014.72	2,223,830

[7] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[8] As measured under the present Panama Canal rules.

Traffic by Trade Routes for November 1938

The movement of vessels over trade routes is summarized in the following table. The trade routes are classified according to primary origin and ultimate destination of the voyage through the Canal and the cargo listed is the total aboard at the time

of transit. Cargo may be laden or discharged between the terminal areas indicated; hence, in the cargo listed below there may be some which had other origin or destination:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[9] Panama Canal net tonnage	Tons of cargo	No. of ships	[9] Panama Canal net tonnage	Tons of cargo
United States intercoastal	51	256,709	171,395	51	250,780	386,396
East coast United States and:						
Canada	3	11,963	1,792	1	4,125	7,007
Central America/Mexico	7	16,798	1,029	5	12,595	5,424
South America	21	91,229	19,896	18	75,888	203,336
Hawaiian Islands	3	15,179	5,542	2	8,408	13,324
Australasia	7	39,479	39,683	.....	.....	.....
Philippine Islands	8	42,305	43,766	4	20,727	27,879
Far East	19	90,540	144,990	6	36,384	30,212
Canadian intercoastal	3	15,473	7,553	.....	.....	.....
East coast Canada and:						
South America	1	1,803	2,116	1	1,804	2,613
Australasia	3	16,302	15,786	4	16,850	23,578
Philippine Islands	1	5,412	4,745	.....	.....	.....
Far East	2	8,297	15,104	.....	.....	.....
Central America/Mexico intercoastal	1	3,643	7,129	.....	.....	.....
East coast South America and:						
United States	3	14,488	6,829	1	5,014	4,072
Canada	1	4,746	.....	1	4,525	7,693
Far East	2	10,280	10,798	1	5,409	4,367
South American intercoastal	4	17,745	28,711	.....	.....	.....
Cristobal and:						
Central America/Mexico	5	3,322	5,379	4	2,692	1,531
South America	15	8,568	4,312	17	9,990	8,262
West Indies and:						
United States	2	13,710	.....	2	14,072	28,253
Canada	1	1,869	.....	.....	.....	.....
Central America/Mexico	.....	.....	.....	1	1,589	.....
South America	2	9,265	20,283	1	4,727	9,417
Europe and:						
United States	23	112,613	8,089	12	47,893	81,482
Canada	54	275,446	41,367	49	243,949	356,140
South America	26	137,881	49,364	24	123,884	191,474
Australasia	11	72,326	64,276	6	34,012	37,927
Far East	2	11,918	13,286	7	33,018	48,705
Egypt and South America	1	4,042	.....	.....	.....	.....
Around the world	2	14,734	4,127	1	6,447	7,391
Foreign vessels in ballast (United States intercoastal)	2	9,466	.....	.....	.....	.....
Total	286	1,337,551	737,347	219	964,782	1,486,483

[9] As measured under the present Panama Canal rules.

Origin and Destination of Cargo by Major Areas, November 1938

The following table summarizes the origin of cargo passing through the Canal in November 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	176,440	10,511	203,820	20,990	36,805	448,566
Other North America	4,090	20,881	12,521	30,539	24,157	92,188
Europe	33,823	11,984	2,687	42,152	58,270	148,916
Miscellaneous	10,093	68	8,421	28,582	513	47,677
Total	224,446	43,444	227,449	122,263	119,745	737,347

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	381,185	39,835	218,290	12,279	651,589
Canada	7,007	418	217,915	2,877	228,217
Other North America	18,748	2,529	129	.....	21,406
South America	202,583	22,395	190,076	48	415,102
Australasia	5,795	17,783	37,927	.....	61,505
Asia	59,571	2,648	46,091	354	108,664
Total	674,889	85,608	710,428	15,558	1,486,483

Principal Commodities

Commodities which aggregated 10,000 or more tons either during November 1938, or in November 1937, are listed below:

Commodity	November 1937	November 1938
Atlantic to Pacific		
Automobiles and parts	29,345	13,491
Canned food products	15,296	8,948
Cement	10,354	17,150
Chemicals	8,491	12,263
Coal and coke	12,949	27,204
Cotton, raw	8,123	23,174
Iron and steel manufactures	146,512	112,687
Machinery	15,313	12,933
Manufactured goods	15,034	12,033
Metals, various	38,682	36,885
Oils, mineral	110,431	86,485
Ores	13,737	2,400
Paper	32,972	37,031
Phosphates	22,213	9,648
Railroad material	8,727	12,338
Scrap metal	27,820	93,827
Sulphur	21,505	25,277
Tinplate	23,055	9,443
Pacific to Atlantic		
Barley	17,921	17,021
Pacific to Atlantic—Continued		
Beans, edible, dry	17,428	15,423
Canned food products	99,790	115,851
Coffee	10,811	10,524
Cold storage (food products) [10]	10,950	11,210
Copra	.....	24,848
Cotton, raw	11,261	11,096
Flour	25,391	17,175
Fruit, dried	51,099	56,867
Fruit, fresh [11]	38,278	52,677
Lumber	209,675	224,182
Metals, various	52,625	60,614
Nitrates	123,375	113,516
Oils, mineral	238,065	174,192
Oils, vegetable	8,436	13,420
Ores	164,815	168,885
Paper	21,793	7,534
Soy beans	9,319	32,921
Sugar	66,180	95,354
Wheat	76,600	116,331
Wood pulp	28,651	22,601

[10] Exclusive of fresh fruits. [11] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of November 1938, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo." The statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	11	164	95
Agricultural implements	524	34	4,140	48
Alfalfa meal	.....	661	1	1,211
Ammonium compounds	16	.....	1,921	.....
Animal foods [12]	110	67	110	67
Apparel, wearing (hats, shoes, clothing, etc.)	103	.....	309	2
Asbestos	667	.....	5,270	.....
Asphalt and tar	152	.....	9,560	310
Automobiles (and autotrucks)	446	3	8,506	165
Automobile parts and accessories	644	59	4,985	69
Bags and bagging, textile	192	2	692	2
Bamboo and products	.....	.....	.....	344
Bananas	.....	.....	.....	7,302
Barks, miscellaneous	128	17	140	349
Barley	.....	66	.....	17,021
Beans, edible, dry	50	8,686	160	15,423
Beer	.....	.....	252	1
Beverages, nonalcoholic	.....	.....	50	.....
Bones and bone meal	.....	33	1,661	33
Books and printed matter	7	9	7	9
Borax	39	605	43	6,450
Bran and pollards	447	.....	447	1,297
Bricks and tile	333	.....	864	.....
Camphor, crude	.....	.....	.....	2
Canned and preserved goods:				
Fish	586	14,746	1,284	31,655
Fruit	233	37,467	265	59,794
Meat	79	83	664	229
Milk	60	135	394	423
Soup	2,105	.....	2,362	.....
Vegetables	594	10,643	641	11,215
Miscellaneous and unclassified	2,155	9,381	3,338	12,535

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Carbon black	14	.....	412	15
Celite	.....	241	.....	247
Cement	682	.....	17,150	.....
Chalk	.....	.....	1,593	.....
Charcoal	51	.....	118	10
Chemicals [12]	3,702	945	12,263	1,453
Clay, china and fire	1,554	234	3,522	286
Clay, filtering	124	.....	131	124
Coal	1,467	.....	15,433	.....
Cocoa and cacao beans	81	.....	468	1,679
Coconuts and products [12]	71	2,367	190	3,125
Coffee	110	93	6,766	10,524
Coke	260	.....	11,771	13
Cold storage and refrigerated products:				
Dairy products	36	47	308	5,685
Eggs	.....	43	.....	321
Fish	43	.....	101	1,060
Lard	232	.....	266	51
Meats	63	.....	288	3,765
Vegetables	.....	30	6	188
Other and unclassified	.....	.....	16	140
Confectionery	1,341	.....	1,364	.....
Copra	.....	216	.....	23,864
Copra meal and cake	.....	.....	.....	984
Corn	312	.....	312	50
Cotton, raw	20	1,282	23,174	11,096
Creosote	.....	.....	.....	25
Drugs and medicines	1,404	39	2,025	69
Dyes	3	.....	78	.....
Enamelware and metalware	132	.....	141	115
Earthenware	.....	24	78	24
Electrical apparatus and appliances	1,536	198	3,220	220
Explosives	.....	48	465	48
Extract, quebracho	.....	.....	3,002	.....
Fertilizers [12]	122	153	1,656	223
Fish, salted or dry-cured	23	.....	40	83
Fish meal	.....	351	40	4,721
Floor coverings	1,670	996	1,751	1,022
Flour	86	13,413	450	17,175
Fruit, dried	45	21,226	139	56,867
Fruit, fresh [12]	144	2,053	720	52,677
Furniture and household goods	393	45	436	106
General	18,978	5,868	47,704	13,147
Glass and glassware	1,945	153	4,846	555
Glue	31	13	61	13
Groceries	1,000	657	1,602	1,493
Gums	.....	100	.....	207
Grain [12]	.....	15	.....	540
Hair, all kinds	.....	71	.....	150
Hay	.....	.....	16	13
Hemp, unmanufactured	61	11	61	1,683
Honey	.....	103	.....	185
Hops	.....	.....	12	.....
Horns and hoofs	.....	.....	9	.....
Infusorial earth	.....	962	9	1,218
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	61,006	662	112,687	754
Ivory nuts	.....	.....	503	1,414
Lard substitute	720	.....	731	35
Lime	.....	.....	255	.....
Liquors	4,762	434	8,139	437
Lumber (including manufactured mill products)	1,589	118,913	2,666	224,182
Machinery	1,943	239	12,933	532
Malt	.....	.....	10	.....
Manufactured goods [12]	6,404	1,034	12,033	2,374
Marble and granite	.....	.....	385	.....
Matches	98	27	136	27
Metals:				
Antimony	.....	.....	121	.....
Chrome	110	.....	110	.....
Copper	384	2,544	2,335	33,668
Gold and silver	.....	.....	.....	30
Iron	567	.....	22,491	242
Lead	.....	1,644	2,602	17,526
Tin	2,505	113	2,969	2,163
Zinc	49	.....	2,129	6,567
Other and unclassified	253	29	4,128	418
Milk, powdered	.....	341	13	576
Molasses and syrups	331	35	371	8,436
Nitrate	110	.....	2,717	113,516

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Nuts, edible (including meats)	159	1,258	196	1,342
Oats	132	286	134	880
Oils, mineral:				
Crude	.....	.....	239	39,023
Gas and fuel	.....	18,970	51,506	18,970
Gasoline, benzine, and naphtha	55	18,084	11,273	82,952
Kerosene	.....	9,748	102	32,507
Lubricating and greases	7,738	372	23,305	740
Other and unclassified	55	.....	60	.....
Oils, vegetable:				
Coconut	.....	897	14	7,257
Cottonseed	.....	30	.....	430
Linseed	796	.....	820	.....
Olive	33	18	486	18
Peanut	.....	.....	.....	2,064
Rapeseed	.....	.....	25	874
Teaseed	.....	.....	.....	94
Wood	37	.....	65	1,408
Other and unclassified	256	35	443	1,275
Oil, fish	63	1,140	154	5,503
Oil, whale	.....	.....	.....	210
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	30	3,214	277
Oilseed cake and meal	1,941	.....	1,941	5,283
Ores:				
Antimony	.....	38	.....	326
Copper	.....	745	450	745
Gold and silver	.....	.....	.....	88
Iron	90	.....	93	151,200
Lead	.....	.....	.....	4,169
Magnesite	.....	405	.....	405
Manganese	.....	939	54	4,583
Tin	.....	.....	50	3,231
Zinc	89	.....	94	1,664
Other and unclassified	.....	92	1,659	2,474
Paints and varnishes	737	70	2,717	394
Paper and paper products [12]	9,327	6,769	37,031	7,534
Peanuts	376	.....	376	.....
Peas, dry	.....	711	.....	954
Peatmoss	.....	.....	1,391	.....
Phosphates	524	175	9,648	183
Plaster	.....	.....	95	.....
Porcelainware	459	14	993	2,265
Potash	.....	8,349	830	8,371
Pyrethrum flowers	.....	.....	.....	235
Rags and waste	201	360	778	685
Railroad material	52	.....	12,338	.....
Rice	918	806	1,221	1,928
Rope and twine	173	.....	225	55
Rosin	1,099	.....	2,319	30
Rubber:				
Manufactured	1,205	101	1,499	117
Raw	.....	.....	43	1,850
Scrap	.....	.....	331	65
Salt	173	311	2,981	311
Sand	505	.....	1,705	25
Scrap metal	300	308	93,827	782
Seeds (except oilseeds)	21	541	435	630
Shells, oyster	310	.....	335	441
Silk, raw	.....	432	9	2,683
Skins and hides	3	1,810	1,068	3,205
Slag	.....	.....	620	.....
Slate	1,895	12	1,895	12
Soaps and products	1,322	106	1,343	157
Soda and sodium compounds:				
Soda ash	51	.....	941	1,142
Soda, caustic	576	.....	1,360	.....
Miscellaneous and unclassified	388	12	806	88
Soy beans	39	.....	39	32,921
Spices	97	15	166	943
Sugar	18	21,661	788	95,354
Sulphur	7,800	27	25,277	27
Talc	11	30	11	182
Tallow	29	442	96	1,687
Tea	43	4	107	1,737
Textiles [13]	3,391	16	7,452	2,902
Tinplate	2,690	71	9,443	71
Tobacco and manufactures	895	220	5,522	235
Toilet preparations	123	.....	127	10
Turpentine	183	.....	334	.....
Vegetables, dry [12]	.....	137	.....	1,820

[12] Except as otherwise classified. [13] Cotton, silk, wool, rayon goods.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Wall board	47	218	223	520
Wax, paraffin	259	35	1,833	582
Wheat	.....	215	1,511	116,331
Wines	300	2,133	1,039	3,267
Wood pulp	188	18,654	4,918	22,601
Wool	11	2,613	17	4,952
Total, November 1938	176,440	381,185	737,347	1,486,483
Total, November 1937	221,869	344,066	752,103	1,433,180
Total, November 1936	45,980	213,841	464,903	1,282,465

Tanker Traffic

The following tabulation shows the tanker traffic through the Canal during the month of November 1938, according to trade routes:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[14] Panama Canal net tonnage	Tons of cargo	No. of ships	[14] Panama Canal net tonnage	Tons of cargo
United States intercoastal	6	29,218	3,515	5	25,004	47,024
East coast United States and:						
Central America/Mexico	1	1,338	1,029	.....	.....	.....
South America	1	5,134	892	.....	.....	.....
Hawaiian Islands	.....	.....	.....	1	3,732	[15] 7,310
Central America/Mexico intercoastal	1	3,643	7,129	.....	.....	.....
South American intercoastal	3	16,771	27,333	.....	.....	.....
West Indies and:						
United States	2	13,710	.....	2	14,072	28,253
South America	2	9,265	20,283	1	4,727	9,417
Europe and:						
United States	7	42,544	.....	6	30,927	61,257
South America	5	35,666	.....	2	14,215	27,716
Total	28	157,289	60,181	17	92,677	180,977

[14] As measured under the present Panama Canal rules. [15] Molasses.

Comparison of Canal Traffic in November 1938, with November Traffic In Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of November			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	[16] 86	313	447	1915	[17] 100	361	466
1915	.....	.....	.....	1916	60	199	258
1916	142	436	512	1917	145	483	588
1917	174	585	695	1918	165	547	627
1918	174	509	626	1919	162	510	576
1919	172	597	575	1920	199	712	781
1920	231	929	985	1921	232	950	966
1921	218	942	855	1922	222	951	907
1922	290	1,337	1,427	1923	325	1,550	1,631
1923	430	2,193	2,218	1924	429	2,179	2,249
1924	374	1,872	1,962	1925	382	1,904	1,996
1925	417	2,028	2,023	1926	424	2,064	2,169
1926	404	2,030	2,271	1927	441	2,184	2,311
1927	540	2,590	2,488	1928	521	2,453	2,468
1928	519	2,467	2,500	1929	524	2,485	2,554
1929	510	2,497	2,533	1930	502	2,497	2,502
1930	464	2,370	2,262	1931	447	2,314	2,089
1931	365	2,001	1,577	1932	364	1,968	1,650
1932	365	2,035	1,531	1933	347	1,900	1,513
1933	432	2,394	1,949	1934	436	2,379	2,059
1934	469	2,546	2,339	1935	432	2,317	2,109
1935	418	2,166	2,050	1936	449	2,335	2,209
1936	368	1,769	1,747	1937	467	2,404	2,507
1937	435	2,281	2,185	1938	460	[20] 2,338	2,282
1938	505	[19] 2,489	2,224	([18])	467	[19] 2,309	2,156

[16] Canal opened August 15, 1914. [17] Average for 10½ months. [18] Average 11 months of calendar year 1938. [19] Estimated tonnage under Panama Canal rules in effect prior to March 1, 1938. [20] As measured under the rules in effect prior to March 1, 1938.

Terminal Activities

Ships repaired during the month of November 1938 numbered 44. Vessels released from drydock numbered 8. Fuel oil amounting to 260,409 barrels was delivered as bunkers to 129 commercial ships. Bunker coal amounting to 6,816 tons was delivered to 24 commercial ships. Sales of commissary supplies to ships aggregated $49,014.80.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving.....tons..	24,192	5,929	30,121
Local cargo shipped.....tons..	2,262	487	2,749
Cargo received for transshipment.....tons..	46,760	303	47,063
Cargo transshipped.....tons..	47,418	113	47,531
"Canal Zone for Orders" cargo:			
Number of receipts issued.....	3	2	5
Number of releases issued.....	57	8	65
Tons received.....	31	0	31
Tons withdrawn.....	35	10	45

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal..	570	3,308,647	1,970,478	541	3,051,235	1,848,961
Vessels entering port but not transiting Canal	56	325,520	176,764	9	27,836	16,879
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	125	696,669	419,663	99	644,257	385,654
Ships clearing						
All vessels, including those transiting Canal..	576	3,360,260	1,997,230	536	3,029,818	1,834,728
Vessels clearing port but not transiting Canal.	57	341,940	181,022	10	36,470	22,833
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	128	714,611	431,911	98	637,367	379,979

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight November 10, 1938, to midnight December 10, 1938. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Santa Lucia, 0, 6
Veragua, 0, 365
Colombia, 118, 11
Ino, 479, 96
Munsterland, 1,316, 0
Santa Marta, 1,331, 133
Roda, 98, 1,591
Clio, 617, 80
Istmo, 0, 255
American Press, 0, 919
Cuba, 0, 2
Counsellor, 317, 0
Cristobal, 0, 819
Gansfjord, 10½, 857
Sessostris, 25½, 777½
Wisconsin, 194, 171
Boskoop, 243, 1,321½
Durazzo, 0, 241
Quirigua, 4½, 316
Cordillera, 145, 45½
Colombia, 108, 468
Donau, 348, 782
Cuba, 122, 494
Oropesa, 79, 0
Cellina, 251, 82½
Acajutla, 0, 959½
Amerika, 0, 11
Virgilio, 0, 37½
Santa Paula, 270, 1
Contessa, 206, 806½
Lochmonar, 153, 241
Santa Clara, 535, 10
Trois Ilets, 311, 179
Platano, 911, 393
Kano Maru, 492, 0
Quito, 9, 175
Santa Barbara, 360, 102
Istmo, 699, 168
Chiriqui, 101, 1,301½
Ino, 480, 93½
Nero, 575½, 84
Osnabruck, 407, 393
San Pedro, 6, 109
John Cabot, 400, 1,123
Toloa, 983, 17
Buenaventura, 2,161, 342
Gansfjord, 0, 891
Reina del Pacifico, 26, 225
Erria, 7, 261
Emma Bakke, 342, 91
Ino, 0, 129
Ville D'Amiens, 0, 79
Bennekom, 0, 1 case
Santa Elena, 133, 25
Jamaica, 48, 8
Egyptian Reefer, 543, 0
Alaska, 124, 0
Saarland, 50, 591
Crawford Ellis, 0, 186
Santa Maria, 296, 6¼
Sambu, 0, 57
Pericles, 54, 0
Yamazato Maru, 885, 0
Cefalu, 295, 575
Cordillera, 24, 1,475
San Francisco, 117, 467
Abraham Lincoln, 10, 0
Mendocino, 10,735, 0
Cerigo, 563, 1,032
Salvador, 382, 1,086
Musa, 622, 278
San Felipe, 1,148, 15
Delftdijk, 208, 37
Modjokerto, 260, 0
Seattle, 453, 427
Strabo, 0, 316
Ancon, 2,625, 756
Benjamin Franklin, 78, 370
Trois Ilets, 312, 32
Bogota, 700, 71
Nero, 325, 237
Istmo, 412, 164
Hopepeak, 0, 224
Talamanca, 80, 584
Santa Inez, 430, 50
Sixaola, 1,505, 134
Duesseldorf, 92, 410
Kimikawa Maru, 1,212, 15
Cho, 451, 178
Brandanger, 12, 37
West Camargo, 41, 0
Beaconoil, 2,526, 0
Pericles, 1, 607
Orazio, 165, 22
Ermland, 169, 0
Feodosia, 0, 442
Imperial, 15, 0
Hokkai Maru, 619, 568
Amasis, 9, 216
Maine, 218, 10
H. M. Storey, 17,102, 0
Veragua, 77, 22
Santa Rita, 149, 0
Santa Rosa, 103, 0
Este, 338, 223
Ceres, 924, 1,253
Dresden, 15, 287
Sambu, 0, 42
Rialto, 8, 29
Contessa, 481, 860
Wyoming, 643, 120
City of Dalhart, 0, 11
Margaret Lykes, 726, 271
De La Salle, 89, 340
Santa Clara, 350, 209
Platano, 957, 43
Drechtdijk, 255, 122
Bogota, 24, 807
Oregon, 553, 140
British Columbia Express, ½, 0
Pasajero, 0, 1
Actor, 232, 0
Patria, 190, 188
Kaikoura, 69, 286
Nero, 0, 456
Durazzo, 481, 129
Pereira, 716, 1,384
Quirigua, 359, 393
Guayaquil, 2,428, 302
Ulua, 724, 368
La Paz, 8 pkgs., 759
Marchen Maersk, 707, 20
Costa Rica, 104, 173
Istmo, 0, 166
Peru, 52, 7
Ino, 421, 73
Tai Ping, 1,234, 0
Ammon, 3 pkgs., 0
San Lucas, 252, 15
Dungannon, 11,420, 0
Naruto Maru, 356, 0
Argentina, 198, 130
Chiriqui, 3, 76
Santa Paula, 165, 164
Mantilla, 3,863, 0
Orbita, 134, 35
Weser, 158, 168
John Bakke, 128, 0
Santa Lucia, 178, 23
Cefalu, 137, 697
Trois Ilets, 240, 85
Dinteldijk, 169, 11
Sambu, 0, 24½
Acajutla, 336, 0
Musa, 874, 6
Perene, 0, 13
Kiyosumi Maru, 466, 0
Leipzig, 54, 1,003
Cristobal, 4,530, 969
Falcon, 22, 358
Santa Maria, 400, 3
Jamaica, 134, 89
Kyusyu Maru, 266, 8
Loreto, 10, 0
Phoenicia, 8, 1,205
Tacoma, 289, 191
Baarn, 187, 752
Douro, 166, 338
Terukawa Maru, 535, 0
Santa Marta, 829, 258
Helga, ½, 185
Clio, 555, 101
Europa, 0, 11
Quito, 1,148, 0

BALBOA

Santa Lucia, 87, 17
Motatan, 89, 23
City of Newport News, 403, 0
Santa Barbara, 151, 10
Sildra, 2,158, 0
Laguna, 135,
City of Norfolk, 0, 65
Chateau Thierry, 586, 208
Norfolk Maru, 297, 0
Egyptian Reefer, 70, 0
Emma Bakke, 704, 0
Salvador, 2, 0
Republic, 1,273, 200
Abraham Lincoln, 0, 76
Santa Inez, 209, 0
Beaconoil, 3,000, 0
City of Los Angeles, 549, 0
Santa Clara, 207, 0
Dresden, 84, 0
Ceres, 481, 0
Balboa, 40, 0
Marchen Maersk, 248, 0
City of Newport News, 0, 1
Sirius, 4, 0
Tai Ping, 257, 0
Weser, 375, 0
John Bakke, 65, 0
K. R. Kingsbury, 10,695, 0
City of San Francisco, 251, 0
Santa Lucia, 1, 0
Bokuyo Maru, 90, 0
Aequator, 1, 0
Acajutla, 5, 0
Mataroa, 51, 0
Annie Johnson, 58, 0
Montatan, 128, 0
St. Mihiel, 166, 0
Santa Maria, 157, 0
Ludington, 1,562, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

During November 1938, ocean-ship passengers disembarking at Cristobal numbered 1,954, embarking 1,838; at Balboa, 764 disembarking and 948 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,012, from the Pacific to the Atlantic, 1,461. Aircraft numbering 64 entered Cristobal, 248 passengers disembarking; clearances were 65, with 238 passengers embarking. At Balboa entries of aircraft numbered 49, 100 passengers disembarking; clearances were 49, with 97 passengers embarking.

Comparison of Traffic at the Suez and Panama Canals for the First Ten Months of the Calendar Years 1937 and 1938

The following is a comparison of traffic at the Suez and Panama Canals for the first ten months of the calendar years 1937 and 1938:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1937	1938	Increase	Decrease	1937	1938	Increase	Decrease
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
March	580	578	.....	0.4	536	506	.....	5.6
April	621	516	.....	16.9	473	487	3.0	.....
May	567	479	.....	15.5	544	465	.....	14.5
June	540	469	.....	13.1	472	445	.....	5.7
July	551	509	.....	7.6	457	429	.....	6.1
August	531	522	.....	1.7	505	468	.....	7.3
September	522	508	.....	2.7	444	438	.....	0.9
October	557	540	.....	3.1	461	494	7.2	.....
Total	5,568	5,173	.....	7.1	4,668	4,612	.....	1.2

Notice to Steamship Interests

The regular overhaul of the Atlantic Locks will commence about the middle of January 1939. During the period of the overhaul, the Canal will be operated so as to provide for the transiting of vessels throughout the twenty-four hours of the day. The Canal will commence twenty-four hour operation on January 14, 1939.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft.			Rainy season. Average temperature. Degrees F.
	Average.	Maximum.	Minimum.	
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Movements of Ocean Vessels Through the Panama Canal

From midnight November 10, 1938, to midnight December 10, 1938

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Santa Lucia	10	11	Amer.	Grace Line	New York, N. Y.	SanAntonio,Chile	General	2,700
Magister	10	11	Brit.	J. S. Webster & Sons.	Pt. Arthur, Tex.	Vancouver, B. C.	Ballast	.....
Morviken [2]	11	11	Nor.	Kawasaki K. Kaisha.	Habana, Cuba	Moji, Japan	General	8,302
Eleni	10	11	Greek.	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Point Palmas	11	11	Amer.	Gulf-Pacific Line	Houston, Tex	Seattle, Wash.	General	5,276
Akaroa	11	12	Brit.	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	6,200
Tacoma City	11	12	Brit.	Sir W. R. Smith & Son	Cardiff, Wales	Noumea, N. Caled	Coal	7,450
Heranger [2]	11	11	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Yearby	11	14	Brit.	Sir R. Ropner & Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Themoni	11	11	Greek.	Anglo-Can. S. S. Co.	Rio de Janeiro	Los Angeles, Cal.	Ballast	.....
Edward Luckenbach.	11	11	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,745
Nuolja [2]	11	11	Swed.	Trafik A. B. Grange'g	Mobile, Ala.	Yokohama, Japan	(14)	9,002
Tielbank	11	11	Brit.	Bank Line, Ltd.	Tampico, Mex.	Adelaide, Aust'lia	General	8,036
Porto Bello [3]	11	11	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
President Adams	12	12	Amer.	Amer. President Lines	Boston, Mass.	Bombay, India	General	2,300
Honolulan	12	12	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	1,750
Istmo	10	12	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	403
Ino [2]	11	12	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	76
City of San Francisco.	12	13	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,465
Roda [2]	11	13	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,849
Frida	12	13	Dan.	Wessel, Duval & Co.	St. John, N. B.	Talcahuano, Chile	General	1,841
Phemius	12	13	Brit.	Alfred Holt & Co.	New York, N. Y.	Shanghai, China.	General	4,513
Australind	12	13	Brit.	Australind Ship. Co.	New York, N. Y.	Fremantle, Aust.	General	3,668
Aldington Court [2]	13	13	Brit.	Canadian Transp. Co.	Dublin, Ireland.	Vancouver, B. C.	Ballast	.....
Texan	13	13	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,520
Temple Mead	13	13	Brit.	Chile Nit. Sales Corp.	Cette, France	Iquique, Chile	Ballast	.....
Corrientes	13	13	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B. C.	General	895
Ingerseks	12	13	Nor.	Chile Nit. Sales Corp.	Oslo, Norway	Tocopilla, Chile.	Ballast	.....
Malabar	13	13	Amer.	Shell Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Clio [2]	11	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	73
Port Auckland	13	13	Brit.	Port Line, Ltd.	Liverpool, Eng.	Dunedin, N. Z.	Gen., refrig.	3,581
Rolling Stone [6]	13	...	Pan.	Robert Wilcox	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Vivirache [5]	...	...	Pan.	Dr. W. S. Dove	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Miramar [5]	11	...	Pan.	Standard Fruit Co.	Cristobal, C. Z.	Gatun, C. Z.	(15)	.....
No. 3680 [13]	11	...	Pan.	Standard Fruit Co.	Cristobal, C. Z.	Gatun, C. Z. [16]	.....	10
Willmoto [2]	13	14	Amer.	Arrow Line	Baltimore, Md.	Tacoma, Wash.	General	3,567
Trontolite [1] [2]	13	14	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	Gasoline	3,392
Heffron	13	14	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Tacoma, Wash.	Steel, gen.	3,076
Hollywood	14	14	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	3,146
Tai Shan [2]	13	14	Nor.	Barber-Wilhelmsen.	Norfolk, Va.	Moji, Japan	Scrap iron	8,294
Uranienborg	14	14	Dan.	C. K. Hansen	Norfolk, Va.	Yokohama, Japan	Scrap steel	5,550
Theofano Livanos	14	14	Greek.	Chile Nit. Sales Corp.	Rotterdam, Neth.	Tocopilla, Chile.	Ballast	.....
Edda	14	14	Ital.	Lloyd Triestino	Trieste, Italy	Seattle, Wash.	Ballast	.....
Motatan [1]	14	15	Brit.	Lago Oil Co.	New York, N. Y.	Acajutla, Salv.	(17)	1,029
Lionel [2]	14	14	Nor.	Waterman S.S. Agency	Pt. Alfred, Can.	Yokohama, Japan	(16)	8,000
Moldanger [2]	14	14	Nor.	Interocean S. S. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
J. Fred Talbot [9]	14	...	Amer.	U. S. Navy	U. S. port	Balboa, C. Z.	Ballast	.....
Steel Scientist	14	14	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Saigon, China	Steel, gen.	6,343
Durazzo	10	14	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	197
Tattnall [9]	14	...	Amer.	U. S. Navy	U. S. port	Balboa, C. Z.	Ballast	.....
Romanby	14	15	Brit.	Sir R. Ropner & Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Asosan Maru [2]	15	15	Jap.	Mitsui & Co.	Baltimore, Md.	Kobe, Japan	Steel, cotton	7,713
Arna [2]	15	15	Nor.	L. I. Machinery Co.	Baltimore, Md.	Kobe, Japan	Scrap iron	7,204
Zacapa	15	16	Amer.	United Fruit Co.	Baltimore, Md.	Pto. Arm'les, R. P.	Ballast	.....
Derrynane	14	15	Brit.	McCowan & Gross	Newcastle, Eng.	Vancouver, B. C.	Ballast	.....
Boskoop	13	15	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	3,197
Acajutla	8	16	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	959
Donau	14	16	Ger.	North German Lloyd.	Hamburg, Ger.	Portland, Oreg.	General	7,337
Loch Dee	15	16	Brit.	Seaboard Shipping Co.	Montreal, Canada	Vancouver, B. C.	Ballast	.....
Spyros	15	16	Greek.	Vergatlis, Ltd.	Rotterdam, Neth.	San Diego, Calif.	Ballast	.....
Chulmleigh	15	16	Brit.	Seaboard Lumber Co.	Barry, England.	Vancouver, B. C.	Ballast	.....
Memphis City	15	16	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	(19)	4,898
Cellina [2]	14	16	Ital.	Italian Line	Trieste, Italy	Vancouver, B. C.	General	1,965
Carica Milica	15	16	J-Slav.	Anglo-Can. S. S. Co.	Antwerp, Belg.	Brit. Columbia	Ballast	.....
Harpagon	16	16	Brit.	Seaboard Shipping Co.	S. Shields, Eng.	Brit. Columbia	Ballast	.....
Tyrifjord	16	16	Nor.	Nor. Amerika S. S. Co.	New York, N. Y.	Salaverry, Peru.	Ballast	.....
Mostun [2]	16	16	Nor.	Neptune Shipping Co.	London, England	Portland, Oreg.	Ballast	.....
City of Delhi	16	16	Brit.	Ellerman & Bucknall	St. John, N. B.	Adelaide, Aust'lia	General	6,376
Georgian	16	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,087
Tura [2]	15	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [9] Destroyer. [11] Mine planter. [13] Barge.
[14] Pig iron, rosin. [15] Towing barge No. 3680. [16] For bananas and return to Cristobal. [17] Asphalt, case oil.
[18] Aluminum, scrap. [19] Steel, tinplate.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Real [2]	15	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Sona [2]	15	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Sambu [2]	15	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Tremoda	16	17	Brit...	Mont.-Aust.-N.Z.Line	Three Riv., Can.	Melbourne, Aust.	Paper	4,810
Sildra [1] [2]	16	18	Nor...	Standard Oil of N. J..	Aruba, N. W. I..	Guayaquil, Ecua.	Fuel oil	11,219
Clausina [1] [2]	16	17	Neth..	Anglo-Saxon Pet. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Gertrude Kellogg [1]	16	17	Amer..	Kellogg S. S. Co.	New York, N. Y.	S. Francisco, Cal.	Linseed oil..	765
Sandhamn [2]	17	17	Swed..	Sven Salen	Philadelphia, Pa.	U. S. west coast.	Ballast	.....
Trois Ilets	15	17	Fr....	French Line	Cristobal, C. Z..	B'ventura, Col...	General	152
Santa Barbara [2]	17	18	Amer..	Grace Line	New York, N. Y.	SanAntonio,Chile	General	2,234
Bethore	17	18	Amer..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Orari [2]	18	18	Brit...	N. Z. Shipping Co...	London, England	N. Plymouth, N.Z.	General	7,731
Mahimahi	18	18	Amer..	Matson Nav. Co.	Baltimore, Md...	Honolulu, T. H..	(14)	1,190
Liberty Glo	18	18	Amer..	Amer.-ForeignS.S.Co.	Philadelphia, Pa.	Seattle, Wash...	General	2,707
Llanishen	18	18	Brit...	Radcliffe S. S. Co.	Immingham, Eng.	U. S. Pacific coast	Ballast	.....
Andrea F. Luckenbach.	18	18	Amer..	Luckenbach Line	Mobile, Ala.	Seattle, Wash...	General	7,635
Getuyo Maru [2]	18	18	Jap...	Mitsui Bussan Kaisha	Mobile, Ala.	Kobe, Japan	Cotton, rosin	6,837
Istmo	17	18	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General	305
Waipori	18	19	Brit...	Union S. S. Co.	Rotterdam, Neth.	Duendin, N. Z...	Gen., asphalt	3,040
Texmar	18	19	Amer..	Calmar Line	Baltimore, Md...	Seattle, Wash...	Steel, gen...	5,526
Chateau Thierry [8]	18	...	Amer..	U. S. Army	New York, N. Y.	Balboa, C. Z....	General	545
San Pedro	18	19	Fr....	French Line	Havre, France...	Valparaiso, Chile.	General	947
Fresno Star	18	19	Brit...	Blue Star Line	Glasgow, Scot...	Vancouver, B. C.	Ballast	.....
City of Norfolk..	19	20	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,462
Julia Luckenbach.	19	19	Amer..	Luckenbach Line	Boston, Mass.	Seattle, Wash...	Gen., paper.	3,538
Nero [2]	17	19	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	B'ventura, Col...	General	41
Chinese Prince [2]..	19	19	Brit...	Prince Line, Ltd.	Baltimore, Md...	Honkgong, China	General	5,095
Quito [2]	16	19	Ger...	North German Lloyd.	Guanta, Colom..	Guayaquil, Ecua.	Gen., salt	1,386
Nebraskan	19	19	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash...	Gen.	3,029
Lancaster	19	20	Amer..	Weyerhaeuser S.S. Co.	New York, N. Y.	Tacoma, Wash..	General	2,150
Montgomery City	20	20	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Seattle, Wash...	General	2,957
Svealand [2]	20	20	Swed..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Peter Maersk [2]	20	20	Dan...	Maersk Line	Boston, Mass.	Cebu, P. I.	General	6,724
Myrtlebank [2]	20	20	Brit...	Bank Line, Ltd.	Montreal, Can...	Vancouver, B. C.	Ballast	.....
Reina del Pacifico [2]	19	20	Brit...	Pacific Steam Nav.Co.	Liverpool, Eng..	Valparaiso, Chile.	General	3,350
Erria [2]	20	20	Dan...	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	613
Hacwac [5]	...	...	Amer..	A. F. Crusey	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Trenton [12]	16	...	Amer..	U. S. Navy	Guantan'o, Cuba.	Balboa, C. Z....	Ballast	.....
S-46 [7]	...	...	Amer..	U, S. Navy	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
S-47 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Ville D'Amiens...	20	21	Fr....	Messageries Marit'es.	Marseilles, Fr...	Noumea, N. Cal.	General	1,667
Salmon [7]	14	...	Amer..	U. S. Navy	N. London, Conn.	Balboa, C. Z....	Ballast	.....
Cachalot [7]	10	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Emma Bakke [2]	20	22	Nor...	Knutsen Line	Oslo, Norway.	Valparaiso, Chile.	General	2,499
Ino [2]	20	21	Neth..	Royal Neth. S. S. Co.	Pt. Limon, C. R.	Guayaquil, Ecua.	General	117
Darlington Court [2]	20	21	Brit...	Canadian Transp. Co.	Newp't News, Va.	Vancouver, B. C.	Nitrate, coal.	1,792
Canal Tenglo	20	21	Chile..	Chilean Govt. Ry.	Reykjavik, Icel'd.	Valparaiso, Chile.	Ballast	.....
John Cabot	18	22	Brit...	Grace Line	Cristobal, C. Z..	Champ'ico, Guat.	General	1,121
Porto Bello [3]	21	21	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P.	General	3
Republic [8]	21	23	Amer..	U. S. Army	New York, N. Y.	Honolulu, T. H..	General	1,635
Cuyama [1]	20	25	Amer..	U. S. Navy	Cristobal, C. Z..	Los Angeles, Cal.	Ballast	.....
S-43 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
S-45 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Niceto de Larrinaga.	21	22	Brit...	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General	7,553
Cromarty [2]	22	22	Brit...	Canadian Transp. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Isthmian	22	22	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Seattle, Wash...	Gen., steel..	2,184
Carrillo	22	23	Amer..	United Fruit Co.	Baltimore, Md...	Pto. Arm'ics, R.P.	Ballast	.....
S-42 [7]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Pacific Reliance [2]	22	22	Brit...	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	504
Pan Gothia [1] [2]..	22	23	Swed..	Standard Oil of N. Y.	Amsterdam, Neth	Talara, Peru	Ballast	.....
Istok	22	22	J-Slav.	Seaboard Shipping Co.	Antwerp, Belgium	Brit. Columbia..	Ballast	.....
Saarland	21	22	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Corral, Chile	General	4,869
Mary Ann [13]	...	...	Amer..	U. S. Navy	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Abraham Lincoln [2]	22	24	Nor...	Fred Olsen Line	Oslo, Norway.	Vancouver, B. C.	General	5,481
W. R. Keever...	22	23	Amer..	Texas Gulf Sulphur..	Freeport, Tex...	Everett, Wash...	Sulphur	7,800
Huntingdon	23	23	Brit...	FederalSteamNav.Co.	Swansea, Eng...	Auckland, N. Z..	(16)	8,890
Belnor [2]	23	23	Nor...	Belships Co	Emmast'd, N.W.I	Brit. Columbia..	Ballast	.....
Port Campbell...	22	23	Brit...	Port Line, Ltd.	Hopewell, Va.	Adelaide, Aust'lia	General	4,765
Baldhill [1]	23	23	Amer..	Shell Terminal Corp.	Fall River, Mass.	S. Francisco, Cal.	Ballast	.....
Muncaster Castle [2]	23	23	Brit...	Barber Line	Baltimore, Md...	Shanghai, China.	General	4,302
Fresno City [2]	23	24	Brit...	Mitsubishi Line	Tampa, Fla.	Yokohama, Japan	Phosphate..	8,495
Real [2]	22	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Nathan [2]	23	...	Pan...	E. J. Hooper	Cristobal, C. Z..	Gatun, C. Z. [15]	.....	20
Sambu [2]	22	23	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pedregal, R. P...	General	75
Delftdijk [2]	23	24	Neth..	N. Pac. Coast Line..	Rotterdam, Neth.	Portland, Oreg...	Clay, gen...	4,586

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [12] Cruiser. [13] Crane. [14] General, automobiles, steel. [15] For bananas and return to Cristobal. [16] Livestock, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Jersey [2]	23	24	Brit.	Australian Disp. Line	Falmouth, Eng.	Vancouver, B. C.	Ballast	
Dakotan	23	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,295
Firmore	23	24	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Lancaster Castle	23	24	Brit.	Forester & Verner	Cardiff, Wales	West coast, U. S.	Ballast	
Risanger	23	24	Nor.	States Marine Corp.	New York, N. Y.	Kobe, Japan	Scrap iron	7,156
Cressdene	24	24	Brit.	Cressdene Ship. Co.	Sunderland, Eng.	Noumea, N. Cal.	Coal	5,750
Seattle	23	24	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	2,976
San Felipe	23	24	Amer.	Pac.-Atl. S. S. Co.	Jacksonville, Fla.	San Diego, Calif.	General	2,972
Vinni [2]	24	24	Nor.	Kawasaki K. Kaisha.	New York, N. Y.	Kobe, Japan	(13)	8,120
Brynje [2]	24	24	Nor.	Canadian Transp. Co.	Fowey, England.	Ocean Falls, B. C.	China clay	992
Nicolas Angelos	24	25	Greek.	Carras, Ltd.	Antwerp,Belgium	Noumea, N. Cal.	Coke	4,214
President Van Buren.	18	25	Amer.	Dollar Line	New York, N. Y.	Round the world.	General	2,031
Wind Rush	25	25	Amer.	Shepard Line	Albany, N. Y.	Tacoma, Wash.	General	3,324
Harry Luckenbach	25	25	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,078
Tropic Sea [2]	25	25	Nor.	Alf. Jakhelln	New Orleans, La.	Kobe, Japan	Scrap iron	7,938
Oregon Express [2]	25	26	Nor.	S. Herlofson & Co.	Glasgow, Scot.	Seattle, Wash.	Ballast	
Hopepeak [2]	25	25	Brit.	Hamburg-Amer. Line.	Mobile, Ala	Manila, P. I.	Cotton, oil	8,380
Santa Inez [2]	25	26	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	1,607
Fortuna [3]	26		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Rangitane [2]	25	26	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	4,985
Istmo	24	26	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	665
Brandanger [2]	25	26	Nor.	General S. S. Corp.	Buenos Aires, Arg.	Vancouver, B. C.	Coffee, gen.	3,040
Trois Ilets	24	26	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador.	General	28
West Camargo	25	26	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	3,789
Laila	25	26	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,661
City of Baltimore	26	27	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,826
Nero [2]	24	26	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	215
Clio [2]	25	26	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	179
Dusseldorf [2]	25	26	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	5,702
Marore	26	26	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Orazio [2]	27	27	Ital.	Italian Line	Genoa, Italy	Valparaiso, Chile.	General	868
Anglo African	26	27	Brit.	Seaboard Ship. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	
Arkansan	26	27	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,100
Kastor	27	27	Greek.	H. L. E. Meyer, Jr.	Newcastle, Eng.	Los Angeles, Cal.	Coke	5,500
Krossfonn [2]	27	27	Nor.	Pechelbronn	Donges, France.	La Libertad, Ecu.	Ballast	
Martin Bakke [2]	27	27	Nor.	Knutsen Line	Belfast, Ireland.	Los Angeles, Cal.	Ballast	
Rokos Vergotis	27	27	Greek.	Vergotis, Ltd.	Flushing, Neth.	Vancouver, B. C.	Ballast	
Champagne [1] [2]	26	27	Fr.	Raffineries de Berre	Havre, France	Talara, Peru	Ballast	
Cape Horn [2]	27	27	Brit.	Lyle Shipping Co.	Newcastle, Eng.	Vancouver, B. C.	Ballast	
Maine	27	28	Amer.	Calif. Eastern Line	Norfolk, Va.	Portland, Oreg.	General	3,471
Koranton	27	28	Brit.	R. Chapman & Son	Barry, England.	Vancouver, B. C.	Ballast	
Sturgeon [7]	21		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Point Caleta	28	28	Amer.	Gulf Pacific Line	New Orleans, La.	San Diego, Calif.	General	6,000
Chattanooga City	27	28	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	General	2,218
Jersey City	28	28	Brit.	Mitsubishi Shoji K.	New York, N. Y.	Yokohama, Japan	(14)	8,718
San Cirilo [1] [2]	28	28	Brit.	Eagle Oil & Ship. Co.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	
Castlemoor	28	28	Brit.	Runciman Ship. Co.	S. Shields, Eng.	S. Francisco, Cal.	Ballast	
Beaconoil [1]	25	29	Amer.	West India Oil Co.	Baton Rouge, La.	Talara, Peru	Gasoline	892
Rockpool	28	28	Brit.	Empire Shipping Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	
Cerigo	22	28	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Pisco, Peru	General	663
Nankai Maru [2]	28	28	Jap.	Osaka Shosen Kaisha.	Hamburg, Ger.	Dairen, China	Gen., oil	6,671
Pennmar	28	28	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen	7,253
H. M. Storey [1]	27	28	Amer.	Arrow Oil Co.	Car's Bay, N.W.I.	Los Angeles, Cal.	Ballast	
Mallard [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Este	28	29	Ger.	North German Lloyd	Hamburg, Ger.	Portland, Oreg.	Coffee, gen.	2,589
Boulderpool	28	29	Brit.	Sir R. Ropner & Co.	Shields, Eng.	Brit. Columbia	Ballast	
Fort Royal [2]	28	29	Fr.	French Line	Dieppe, France	Los Angeles, Cal.	Ballast	
Fernhill [2]	28	29	Nor.	Fearnley & Eger	Providence, R. I.	Yawata, Japan	Scrap iron	7,032
Deroche [1]	28	29	Amer.	Union Oil Co. of Calif.	Antwerp, Belgium	Los Angeles, Cal.	Ballast	
Forbes Hauptman	28	29	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	3,068
Jacob Luckenbach	28	29	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	6,226
Rotterdam [1] [2]	28	29	Neth.	Standard Oil of N. J.	Carapito, Venez.	Tocopilla, Chile	Fuel oil	12,350
Hird [2]	28	29	Nor.	Hasegawa Boeki K.	New York, N. Y.	Yokohama, Japan	Scrap iron	8,500
Glittre [1] [2]	29	29	Nor.	Standard Oil of N. J.	Aruba, N. W. I.	San Antonio, Chile	Fuel oil	9,064
Ann Stathatos	29	29	Greek.	Hyman Michaels Co.	Norfolk, Va	Japan	Scrap iron	7,715
Harbledown	29	29	Brit.	J. & C. Harrison	Boston, Mass.	Vancouver, B. C.	Ballast	
Salacia [2]	29	29	Brit.	Donaldson Brothers.	Glasgow, Scot.	Vancouver, B. C.	General	933
Salvador	22	29	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	1,086
Lebore	29	30	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Porto Bello [3]	29	29	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Turrialba	29	30	Amer.	United Fruit Co.	Baltimore, Md.	Pto. Arm'les, R. P.	Ballast	
Adventuress [6]	27	30	Amer.	C. E. Westenhaven	Miami, Fla.	Los Angeles, Cal.	Ballast	
Wyoming	29	30	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	(15)	4,750
Zannis L. Cambanis.	29	30	Greek.	Anglo-Can. S. S. Co.	Liverpool, Eng.	Brit. Columbia	Ballast	
Kaimoku	29	30	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H	General	2,490
Olga E. Embiricos	29	30	Greek.	Seaboard Ship. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [6] Yacht. [7] Submarine. [10] Mine sweeper. [13] Cotton, lead, general. [14] Scrap steel, lubricating oil. [15] Sand, coke, chalk, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
City of Florence	30	30	Brit.	Ellerman & Bucknall	Philadelphia, Pa.	Dairen, China	General	4,024
Edwin Christenson	30	30	Amer.	Sudden & Christenson	Baltimore, Md.	Seattle, Wash.	General	2,627
Moorby [2]	30	30	Brit.	Ropner Ship. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Cal. Standard [1] [2]	30	30	Pan.	ForeignTankshipCorp	Ellesmere Pt., Eng	Los Angeles, Cal.	Ballast	
Anneliese Essberger. [2]	30	30	Ger.	John T. Essberger	Bremen, Ger.	Vancouver, B. C.	Ballast	
Santa Clara	30	1	Amer.	Grace Line	New York, N. Y.	SanAntonio,Chile	General	2,068
Siam [2]	30	1	Dan.	East Asiatic Co.	Copenhagen,Den.	S. Francisco, Cal.	Ballast	
Real [2]	29		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	29		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pirre [2]	29		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
La Union [2]	29		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	29		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	29	1	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	80
Floridian	30	1	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,136
City of Hankow	1	1	Brit.	Amer. & Aust. Line	Philadelphia, Pa.	Adelaide, Aust'lia	General	4,817
Crown City [2]	1	1	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Shanghai, China	General	2,784
British Columbia Express. [2]	1	1	Nor.	Fruit Express Line	Glasgow, Scot.	Seattle, Wash.	Ballast	
Bradburn	1	1	Brit.	Australian Dis. Line.	S. Shields, Eng.	Vancouver, B. C.	Ballast	
Hanley	1	1	Amer.	Weyerhaeuser S. S. Co	New York, N. Y.	Seattle, Wash.	General	2,660
Gaelic Star	1	1	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	
Chloe	1	1	Greek.	Seaboard Ship. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Thor No. 1 [2]	1	1	Nor.	Bryde & Dahhls	Antwerp, Belgium	Vancouver, B. C.	General	3,588
Ceres	28	1	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,345
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Svithiod [1] [2]	1	2	Pan.	Standard Oil of N. J.	Aruba, N. W. I.	Los Angeles, Cal.	Ballast	
President Herrenschmidt. [1] [2]	1	2	Nor.	Socommar	Ambes, France	Talara, Peru	Ballast	
W. S. Rheem [1]	2	2	Amer.	Standard Oil of Cal.	Dunkerque, Fr.	Los Angeles, Cal.	Ballast	
Patria	1	2	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	4,124
Nordvard [2]	1	2	Nor.	L. Is. Mach. & Equip.	New York, N. Y.	Kobe, Japan	Scrap iron	7,111
Shaw [9]	2		Amer.	U. S. Navy	Guant'mo, Cuba.	San Diego, Calif	Ballast	
Mayari	2	2	Pan.	United Fruit Co.	Boston, Mass.	Puntarenas, C. R.	General	2,803
Bengal Maru	1	3	Jap.	Nippon Yusen Kaisha	Liverpool, Eng.	Miike, Japan	Gasoline	4,190
Fortuna [3]			Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Durham [2]	3	3	Brit.	N. Z. Shipping Co.	Newport, Eng.	N. Plym'th, N. Z.	General	11,250
Ophelie [1]	3	3	Fr.	Cie. Auxiliaire de Nav.	Donges, France	Lobitos, Peru	Ballast	
City of Newport News.	3	4	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,394
Columbian	2	3	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	2,360
Paul Luckenbach	3	3	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,514
Istmo	30	3	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	806
Nero [2]	1	3	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Callao, Peru	General	415
La Paz [2]	2	3	Brit.	Pacific Steam Nav.Co.	Hull, England	Valparaiso, Chile	General	4,166
Tongariro	3	4	Brit.	N. Z. Shipping Co.	Barrow, England	Dunedin, N. Z.	General	5,504
Erlangen	3	4	Ger.	North German Lloyd.	New Orleans, La.	Brisbane, Aust.	Sulphur, oil	6,900
Ida Bakke [2]	3	3	Nor.	Christian Haaland	Goth'burg, Swed.	Vancouver, B. C.	Ballast	
Peru [2]	3	4	Swed.	Johnson Line	Stockholm, Swed.	Portland, Oreg.	General	2,136
Bogota [2]	30	4	Ger.	North German Lloyd.	Barranquilla, Col.	Guayaquil, Ecua.	(14)	968
Nevadan	3	4	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Seattle, Wash.	General	2,430
Carelia [1] [2]	3	4	Neth.	N. V. Pet. My. La Cor.	Caurcao, N. W. I.	Los Angeles, Cal.	Ballast	
Nyhaug [2]	3	4	Nor.	Continental Grain Co.	Galveston, Tex.	Portland, Oreg.	Ballast	
Dionyssios Stathatos.	3	4	Greek.	Hasegawa Bocki K.	Boston, Mass.	Kobe, Japan	Scrap iron	7,233
Seal [7]	3		Amer.	U. S. Navy	N. London, Conn.	Balboa, C. Z.	Ballast	
Ino [2]	3	4	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	67
El Oso [1]	4	5	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	Cabo Bl'co, Peru.	Ballast	
Michael L. Embiricos.	4	4	Greek.	S. G. Embiricos	Rio de Janeiro	Balboa, C. Z.	Ballast	
Lerwick	4	4	Brit.	Wallen & Company	Habana, Cuba	Chile	Ballast	
Gertrude Maersk [2]	4	4	Dan.	A. P. Moller Co.	Boston, Mass.	Iloilo, P. I.	General	6,000
Buenos Aires Maru. [2]	4	5	Jap.	Osaka Syosen Kaisya.	BuenosAires, Arg.	Kobe, Japan	Gen., hides	5,194
Mosfruit [2]	4	4	Nor.	M. Mosvold	Hook of Holland.	N.Westm'er, B.C.	Ballast	
Gen. Wm. M. Graham. [11]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
San Lucas	4	5	Amer.	Pac.-Atl. S. S. Co.	Albany, N. Y.	Tacoma, Wash.	General	3,071
Anniston City	4	5	Amer.	Isthmian S. S. Lines	Portland, Me.	Tacoma, Wash.	Steel, gen	3,723
West Cape	4	5	Amer.	McCormick S. S. Co.	Chester, Pa.	Seattle, Wash.	General	1,938
Norfolk	5	5	Brit.	FederalSteamNav.Co.	Falmouth, Eng.	New Zealand	Ballast	
Charles F. Meyer [1] [2]	5	5	Brit.	Socony Vac. Oil Co.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Pereira	1	5	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	1,374
Ensley City	6	6	Amer.	Isthmian S. S. Lines	Mobile, Ala.	Pt. Allen, T. H.	Pipe, gen	5,681
Trehata	6	6	Brit.	Hain S. S. Co.	Barry, England	Portland, Oreg.	Ballast	
Deerpool	6	6	Brit.	Sir R. Ropner & Co.	Barry, England	Vancouver, B. C.	Ballast	
Port St. John [2]	6	6	Brit.	Mont.-Aust.-N.Z.Line	Middlesboro, Eng	Wellington, N. Z.	General	7,375

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [9] Destroyer. [11] Mine planter.
[14] General, gasoline, fuel, kerosene, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Zacapa	6	6	Amer.	United Fruit Co.	Baltimore, Md.	Pto. Arm'les, R. P.	Ballast	
Silveryew [2]	6	6	Brit.	S. & J. Thompson	Boston, Mass.	Hongkong, China	General	6,250
Newton Moore	6	6	Brit.	Furness, Withy & Co.	Montreal, Can.	Vancouver, B. C.	General	4,760
Porto Bello [3]	6	6	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Dinteldijk [2]	6	7	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	General	1,637
Langleecrag	6	7	Brit.	Mitsubishi Line	Pt. Tampa, Fla.	Yokohama, Japan	Phos. rock	7,907
Ringar [2]	6	7	Nor.	Hasegawa Boeki K.	Providence, R. I.	Japan	Scrap iron	8,000
Point Bonita	7	7	Amer.	Swayne & Hoyt	Mobile, Ala.	Los Angeles, Cal.	General	4,290
Siljestad [2]	7	7	Nor.	Fern Liue	Texas City, Tex.	Kobe, Japan	Scrap iron	7,001
Annie Johnson [2]	7	7	Swed.	Johnson Line	Norrkoping, Swed	Portland, Oreg.	General	1,942
African Reefer [2]	7	7	Dan.	J. Lauritzen	Rotterdam, Neth.	Seattle, Wash.	Ballast	
Huzikawa Maru [2]	7	7	Jap.	Mitsui Bussan K.	Hopewell, Va.	Moji, Japan	Gen., oil	7,461
Trois Ilets	6	7	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	90
Perene	7	7	Peru	Peruana de Vapores	Iquitos, Peru	Callao, Peru	Wood, gen.	1,420
Fernlane [2]	7	7	Nor.	Fern Line	Mobile, Ala.	Haiphong, In.-Ch	General	6,792
Steelore	7	7	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Real [2]	6	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	6	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	6	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	6	7	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	36
Arizonan	7	8	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,187
Corabella	7	8	Brit.	Anglo-Can. S. S. Co.	Sydney, N. S.	Williams Hd., B.C	Ballast	
North Haven	8	8	Amer.	Northland Transp. Co.	Baltimore, Md.	Seattle, Wash.	Tin, gen.	5,516
Keiyo Maru [2]	8	8	Jap.	Nippon Yusen Kaisha	Philadelphia, Pa.	Kobe, Japan	Gen., steel	8,016
Levernbank [2]	8	8	Brit.	Bank Line, Ltd.	Baltimore, Md.	Portland, Oreg.	Ballast	
Alcatricita [6]	7	11	Amer.	W. J. Halliday	New Orleans, La.	Guaymas, Mex.	Ballast	
American Oriole	7	8	Amer.	Freeport Sulphur Co.	Pt. Sulphur, Tex.	S. Francisco, Cal.	Sulphur	7,800
Leipzig [2]	7	8	Ger.	North German Lloyd.	Hamburg, Ger.	SanAntonio, Chile	General	4,322
Santa Maria [2]	8	9	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,879
Falcon	8	8	Amer.	Grace Line	Baltimore, Md.	SanAntonio, Chile	Steel, gen.	2,639
Santore	8	8	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Skjelbred [2]	8	8	Nor.	Kawasaki Kisen K.	Boston, Mass.	Kobe, Japan	General	7,340
Nathan [2]	8	8	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]		20
Sire	8	9	Brit.	Sire S. S. Co.	Montreal, Canada	Chile	Ballast	
Alfios	8	9	Greek	S. Livanos & Co.	New York, N. Y.	Yokohama, Japan	Scrap iron	7,316
Port Montreal [2]	9	9	Brit.	Mont.-Aust.-N.Z. Line	Montreal, Canada	Adelaide, Aust.	([15])	5,887
Grayburn	8	9	Brit.	Chile Nit. Sales Corp.	Pt. of Spain, Trin.	Tocopilla, Chile	Ballast	
Amerikaland [2]	9	9	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Sea Thrush	9	9	Amer.	Shepard S. S. Co.	N. London, Conn.	Seattle, Wash.	([16])	3,319
P-18 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
President Harrison.	10	10	Amer.	Amer.-President Lines	Boston, Mass.	Singapore, Straits Settlements.	General	2,624
Ludington [3]	7	11	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	3,973
Fortuna [3]	10	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Massmar	9	10	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,560
Tai Yin [2]	9	10	Nor.	Barber Line	New York, N. Y.	Osaka, Japan	Gen., steel	6,306
Cressington Court	[2] 9	10	Brit.	Canadian Transp. Co.	Montreal, Canada	Vancouver, B. C.	General	3,876
Kosin Maru	10	10	Jap.	Kokusai Line	New York, N. Y.	Moji, Japan	([17])	8,104
Tennessee [2]	10	10	Nor.	W. Wilhelmsen	Charleston, S. C.	Yawata, Japan	Scrap steel	8,776
Susan V. Luckenbach.	10	10	Amer.	Luckenbach Line	New York, N. Y.	Seattle, Wash.	General	3,310
Tacoma	9	10	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	3,732
Baarn	9	10	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,182

PACIFIC TO ATLANTIC

Munsterland [2]	10	12	Ger.	Hamburg-Amer. Line.	Manila, P. I.	New Orleans, La.	([18])	5,386
Clio [2]	11	13	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, rub.	561
J. L. Luckenbach.	11	11	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,432
Columbia [2]	11	11	Swed.	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	General	5,606
Roxen	10	11	Swed.	Transatlantic S. S. Co.	Pt. Pirie, Aust'lia	Newcastle, Eng.	([19])	7,625
Ino [2]	11	12	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, nuts.	436
Ralph Talbot [9]	12	14	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Mugford [9]	12	14	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Utahan	11	12	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	9,439
Buenos Aires [2]	11	12	Swed.	Johnson Line	Valparaiso, Chile.	Stockholm, Swed.	Sulphate, gen	8,715
Turrialba	12	12	Amer.	United Fruit Co.	Pto. Arm'les, R. P.	Baltimore, Md.	Bananas	1,060
Alioth [2]	12	12	Neth.	Earle & Stoddart	Vancouver, B. C.	Cobh, Ireland[14]	Wheat	8,850
Alphard [2]	12	12	Neth.	Anglo-Can. Ship. Co.	Vancouver, B. C.	London, England	Grain, gen.	8,706
Bastidas [4]	6	12	Col.	Colombian Govt.	Balboa, C. Z.	Barranquilla, Col.	Ballast	
Lebore	13	13	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,300
Brimanger [2]	12	13	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	7,445
Wisconsin	13	14	Fr.	French Line	Vancouver, B. C.	Havre, France	General	8,240
Arima Maru [2]	13	13	Jap.	Nippon Yusen Kaisha	Yokohama, Japan	Hamburg, Ger.	General	8,495
Elg [2]	13	13	Nor.	Anglo-Can. S. S. Co.	Warrenton, Can.	Rotterdam, Neth.	([20])	4,990

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [9] Destroyer. [13] For bananas and return to Cristobal. [14] For orders. [15] Automobile parts, asbestos, etc. [16] Lubricating oil, general. [17] General, steel, cotton. [18] Copra, coconut oil. [19] Lead, copra, cocoa. [20] Wheat, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Jane Christenson	13	13	Amer.	Arrow Line	Tacoma, Wash.	Baltimore, Md.	Lumber	6,850
Malaren [2]	13	14	Swed.	Australian Govt	Townsville, Aust.	St. John, N. B.	Sugar	4,780
Rigmor [1] [2]	13	14	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [14]	Gasoline	9,084
Oropesa	14	15	Brit.	Pacific Steam Nav.Co.	Talcahuano,Chile	Liverpool, Eng.	([15])	9,697
Point Lobos	14	14	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	([16])	5,679
Pennsylvania	14	14	Amer.	Weyerhaeuser S.S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	6,819
Alaskan	14	14	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,359
Mathew Luckenbach.	14	14	Amer.	Luckenbach Line	Portland, Oreg.	Tampa, Fla.	General	6,656
Thorstrand [2]	14	14	Nor.	Fred Olsen Line	S. Francisco, Cal.	Liverpool, Eng.	Fruit, gen.	1,670
Loosdrecht [1] [2]	14	14	Neth.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	([17])	14,320
Ohioan	14	14	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	General	6,745
Calmar	14	14	Amer.	Calmar S. S. Corp.	Tacoma, Wash.	Baltimore, Md.	Copper, lum.	6,336
City of Newport News.	14	15	Amer.	Panama-Pacifie Line.	S. Francisco, Cal.	New York, N. Y.	General	6,457
Amerika [2]	15	15	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen,Den.	([18])	9,633
Trois Ilets	14	17	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	282
Victoria City	15	15	Brit.	East Asiatic Co.	Rashin, Korea	Cobh, Ireland [14]	Soy beans	8,300
Nyhorn [2]	15	15	Nor.	Knutsen Line	Vancouver, B. C.	Cardiff, Wales	Lumber	6,855
Preradovic	15	15	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nit. of soda	8,075
Virgilio [2]	15	16	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	2,718
Santa Clara	15	16	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	Copper, gen.	5,565
San Marcos	14	15	Amer.	Quaker Line	Longview, Wash.	Philadelphia, Pa.	Lumber, gen.	8,094
Stylianos Chandris.	15	15	Greek.	Louis Dreyfus & Co.	Dairen, China	Cobh, Ireland [14]	Soy beans	8,200
Real [2]	15	16	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Q-2 [5]	15	...	Amer.	U. S. Army	Balboa, C. Z.	Gamboa, C. Z.	Ballast	.....
Sambu [2]	15	16	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Tuira [2]	15	16	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Porto Bello [2]	15	15	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([19])	16
Kentuckian	15	15	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	New York, N. Y.	General	6,226
Sofie Bakke [2]	15	15	Nor.	Knutsen Line	N.Westm'er, B.C.	Glasgow, Scot.	General	7,126
Zouave	15	15	Brit.	NitrateCommissioners	Tocopilla, Chile.	Azores [14]	Nitrate	7,365
Lochmonar [2]	15	16	Brit.	Royal Mail Lines	Vancouver, B. C.	Rotterdam, Neth.	General	9,265
Sona [2]	15	16	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Frank [2]	15	...	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Scottish Star	15	16	Brit.	Blue Star Line	Vancouver, B. C.	Glasgow, Scot.	Frozen, gen.	4,762
H. D. Collier [1]	15	16	Amer.	Standard Oil of Calif.	Richmond, Calif.	Hamburg, Ger.	Aviation gas.	11,159
Harpoon	16	16	Amer.	Shepard S. S. Co.	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	8,757
Knoxville City	16	17	Amer.	Isthmian S. S. Lines.	N.Westm'er,B.C.	Avonmouth, Eng.	([18])	7,451
Oregonian	16	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,280
Amagisan Maru [2]	16	16	Jap.	Mitsui Bussan Kaisha	Manila, P. I.	Baltimore, Md.	Sugar, gen.	6,877
Hamakua	16	16	Amer.	Matson Nav. Co.	Pt. Allen, T. H.	Baltimore, Md.	([20])	6,014
Kishacoquillas [1]	16	16	Amer.	Com. Molasses Corp.	Honuapo, T. H.	Houston, Tex.	Molasses	8,122
Kano Maru [2]	16	17	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	Boston, Mass.	Silk, gen.	7,959
American Reefer [2]	16	17	Dan.	J. Lauritzen	Seattle, Wash.	Helsingfors, Finn.	Fruit	1,894
Sea Horse [5]	16	..	Amer.	N. E. Parker	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Norman Monarch	16	17	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	Immingham,Eng.	([21])	8,600
Temple Bar	17	17	Brit.	Chile Nit. Sales Corp.	Antof'gasta,Chile	Azores [14]	Nitrate	7,700
Dallas [3]	17	17	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Istmo	17	18	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	626
Gerassimos Vergottis.	17	17	Greek.	Messrs. Adelphi Vergotti.	Rashin, Korea	Cobh, Ireland [14]	Soy beans	8,612
Nero [2]	17	19	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	([22])	522
Ino [2]	17	21	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, rub.	437
Absaroka	17	17	Amer.	McCormick S. S. Co.	Los Angeles, Cal.	Norfolk, Va.	Lumber, gen.	7,713
Osnabruck [2]	17	19	Ger.	North German Lloyd.	Corral, Chile	Bremen, Ger.	Copper, gen.	6,007
Alkaid [2]	18	18	Neth.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Hull, England	Wheat	8,820
Taranger [2]	18	18	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Fruit, gen.	7,600
Santore	18	18	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,300
Acacia [13]	18	20	Amer.	U. S. Government	Cape Mala, R. P.	Puerto Rico	.....	.....
Laguna [2]	18	18	Brit.	Pacific Steam Nav.Co	Talcahuano,Chile	Liverpool, Eng.	Copper, gen.	8,378
John Cabot	18	21	Brit.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	349
Winslow [5]	18	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Zacapa	19	19	Amer.	United Fruit Co.	Pto.Arm'les,R.P.	Baltimore, Md.	Bananas	1,350
S-21 [7]	19	...	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	.....	.....
S-24 [7]	19	...	Amer.	U. S. Navy	San Diego, Calif.	N. London, Conn.	.....	.....
S-22 [7]	19	...	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	.....	.....
S-26 [7]	19	...	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	.....	.....
Point Estero	20	20	Amer.	Swayne & Hoyt	Seattle, Wash.	PanamaCity,Fla.	Lumber, gen.	6,082
Cuyama [1]	19	22	Amer.	U. S. Navy	Los Angeles, Cal.	Coco Solo, C. Z.	Fuel oil	326
General W. M. Graham.[11]	20	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Steelore	21	21	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Bennekom	21	21	Neth.	Royal Neth. S. S. Co.	Talcahuano,Chile	Hamburg, Ger.	General	7,834
Everleigh	21	21	Brit.	Atl.Ship. & Trad. Co.	Pt.Alberni,B.C.	Liverpool, Eng.	Wheat, lum.	9,214
Sturgeon [7]	21	28	Amer.	U. S. Navy	Guayaquil, Ecua.	Cristobal, C. Z.	.....	.....

[1] Tanker. [2] Motor ship. [5] Launch. [7] Submarine. [9] Destroyer. [11] Mine planter. [13] Lighthouse tender. [14] For orders. [15] Copper, tin, general. [16] Lumber, canned goods. [17] Gasoline, kerosene. [18] Grain, lumber, general. [19] Fruit, plantains. [20] Canned pineapples, sugar. [21] Grain, timber, pulp. [22] Coffee, tagua, balsa.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Canonesa	21	22	Brit.	Furness-Prince Line	N.Westm'er,B.C.	Glasgow,Scotland	Frozen, gen.	5,755
Lillian Luckenbach.	21	21	Amer.	Luckenbach Line	Portland, Oreg.	Boston, Mass.	Lumber, gen.	8,494
Egyptian Reefer [2]	21	22	Dan.	J. Lauritzen	Vancouver, B. C.	Haifa, Palestine	Fruit, gen.	1,552
Alaska	21	22	Fr.	French Line	SanAntonio,Chile	Havre, France	General	7,818
Michigan	21	21	Amer.	States S. S. Co.	Aberdeen, Wash.	Baltimore, Md.	Lumber, gen.	7,706
Yamazato Maru [2]	21	23	Jap.	Yamashita Line	Kobe, Japan	BuenosAires,Arg.	General	4,367
Tilsington Court	21	22	Brit.	Seaboard Ship. Co.	Victoria, B. C.	London, England	(14)	9,975
Santa Maria [2]	21	22	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	4,965
Mersington Court	21	22	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nit. of soda	7,360
Pacific Grove [2]	22	22	Brit.	Furness, Withy & Co.	Victoria, B. C.	Manchester, Eng.	General	8,225
Asakasan Maru [2]	22	22	Jap.	Mitsui & Co.	Manila, P. I.	New York, N. Y.	General	4,346
Chateau Thierry [8]	19	23	Amer.	U. S. Army	Balboa, C. Z.	Brooklyn, N. Y.	Army stores	300
Harvester [1]	22	22	Amer.	Shell Union Oil Corp.	Wilmington, Cal.	Fall River,Mass.	Gasoline	8,348
Cerigo	22	28	Ger.	Hamburg-Amer. Line.	Callao, Peru	Cristobal, C. Z.	(15)	502
Salvador	22	29	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	380
San Francisco	22	23	Fr.	French Line	Vancouver, B. C.	Havre, France	General	6,690
Korana	22	22	Y-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	8,200
Winona	22	22	Amer.	Weyerhaeuser S. S. Co.	Los Angeles, Cal.	Baltimore, Md.	Lumber, gen.	8,476
Real [2]	22	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Sambu [2]	22	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	46
Remuera	22	23	Brit.	N. Z. Shipping Co.	Opua, P. I.	London, England	Frozen, gen.	5,764
Modjokerto [2]	23	23	Neth.	Pac.-Java-Bengal Line	Vancouver, B. C.	Calcutta, India	General	7,391
Californian [2]	22	23	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,687
Cordillera	22	23	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow,Scotland	Fruit, gen.	4,304
Svithiod [1] [2]	23	23	Pan.	Standard Oil of N. J.	Talara, Peru	Aruba, N. W. I.	Blending oil	9,417
Iowan	23	23	Amer.	Amer.-Hawaiian Line.	Astoria, Oreg.	Boston, Mass.	General	6,794
Barneveld	22	23	Neth.	Royal Neth. S. S. Co.	Talcahuano,Chile	Hamburg, Ger.	General	7,200
American Robin	23	23	Amer.	Amer.-For. S. S. Corp.	Tacoma, Wash.	Providence, R. I.	Lumber	6,950
Amerikaland [2]	23	23	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Cachalot [7]	23		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Gretaston	23	24	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Newark, N. J.	(16)	7,007
Sessa	23	24	Dan.	Wessel, Duval & Co.	Valparaiso, Chile.	New York, N. Y.	General	2,613
Bogota [2]	23	26	Ger.	North German Lloyd.	Callao, Peru	Cristobal, C. Z.	(17)	490
River Lugar	23	24	Brit.	Ayrshire Nav. Co.	Suva, Fiji Is.	LandsEnd,Eng.[13]	Raw sugar	8,887
Sidney M. Hauptman.	24	24	Amer.	McCormick S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	8,744
Istmo	24	26	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	363
Nero [2]	24	26	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	295
Trois Ilets	24	26	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	292
Danio [2]	24	24	Nor.	No.Atl.&Gulf S.S.Co.	Pt.Chicama,Peru	Philadelphia, Pa.		5,735
Benjamin Franklin.[2]	24	25	Nor.	Fred Olsen Line	Vancouver, B. C.	Oslo, Norway	General	8,415
Steel Age	24	24	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,208
Eskdalegate	24	25	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	7,328
Clio [2]	24	26	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(18)	410
Washington Express.[2]	25	25	Nor.	Fruit Express Line	Seattle, Wash.	Rotterdam,Neth.	Fresh fruit	2,038
Kimikawa Maru [2]	25	26	Jap.	Kawasaki Kisen K.	Dairen, China	New York, N. Y.	Silk, gen.	2,387
Stonegate	25	25	Brit.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [13]	Nit. of soda	8,450
Lewis Luckenbach	25	25	Amer.	Luckenbach Line	Townsend, Wash.	Boston, Mass.	Lumber, gen.	12,472
Barfleur [2]	25	25	Fr.	French Line	N.Westm'er,B.C.	London, England	Fresh fruits	1,740
Ermland [2]	25	27	Ger.	Hamburg-Amer. Line.	Philippines	New Orleans, La.	(19)	6,939
Integritas	25	26	Ital.	Italian State	Chanaral, Chile.	Genoa, Italy	Copper	7,000
Carrillo	26	26	Amer.	United Fruit Co.	Pto.Arm'les,R.P.	Baltimore, Md.	Bananas	1,064
Ellin	26	26	Greek.	Seaboard Ship. Co.	Vancouver, B. C.	Immingham,Eng.	Wheat, lum.	8,897
F. J. Luckenbach.	26	26	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	General	4,070
Porto Bello [2]	26	26	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(20)	8
Chilore	27	27	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Imperial [2]	27	27	Chile.	Sud. Amer. de Vapores	Corral, Chile	Hamburg, Ger.	General	3,673
Carlton	26	27	Brit.	R. Stevenson & Co.	Stockton, Calif.	Dublin, Ireland.	Barley	8,015
Hokkai Maru [2]	26	28	Jap.	Osaka Shosen Kaisha	Dairen, China	Hamburg, Ger.	Borax, gen.	4,196
Canadian Challenger.	26	27	Brit.	Colonial Sugar Ref.	Cairnes, Australia	Halifax, N. S.	Raw sugar	6,898
Pennsylvanian	27	27	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	General	5,886
Amasis	27	28	Ger.	Hamburg-Amer. Line.	Talcahuano,Chile	Cristobal, C. Z.	General	8,065
San Simeon	27	27	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	General	7,315
Tulsagas [1]	27	28	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Heating oil	9,802
Appledore	27	28	Brit.	Seaboard Ship. Co.	Victoria, B. C.	Hull, England	Wheat, lum.	9,400
Ambassador	27	28	Brit.	Chile. Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrate	7,700
Karmt [2]	27	28	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	Nitrate	8,875
Uffington Court	28	28	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,450
Kansan	28	28	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	General	7,186
Santa Rita [2]	28	28	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	(21)	3,131
Benmohr	27	28	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Lumber, gen.	8,638
City of Los Angeles	28	29	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	5,332
Dresden [2]	28	29	Ger.	North German Lloyd.	Valparaiso,Chile	Hamburg, Ger.	General	5,955

[1] Tanker. [2] Motor ship. [7] Submarine. [8] Transport. [13] For orders. [14] Wheat, lumber, lead. [15] Coffee, hides, cocoa. [16] Lumber, wood pulp. [17] Coffee, cocoa, general. [18] Coffee, balsa, tagua. [19] Copra, hemp, coconut oil. [20] Lumber, plantains. [21] Copper, cotton, bananas.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Fortuna [2]	28	29	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Colon, R. P.	Bananas	47
Rialto [2]	29	30	Ital...	Italian Line	Vancouver, B. C.	Trieste, Italy	General	7,005
Fionia [2]	28	29	Dan...	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	General	5,764
City of Dalhart [2]	29	30	Amer..	Roosevelt S. S. Co.	Fremantle, Aust.	New York, N. Y.	General	6,800
Real [2]	29	30	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Sona [2]	29	30	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Pirre [2]	29	30	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Tuira [2]	29	30	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	52
Sambu [2]	29	30	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	40
La Union [2]	29	30	Pan...	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	36
San Ambrosio [1] [2]	29	30	Brit...	Eagle Oil & Ship. Co.	Martinez, Calif.	Lizard, Eng. [13]	Gasoline	10,249
Drechtdijk [2]	30	1	Neth..	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	General	8,992
Goviken	30	2	Nor...	Grace Line	Salaverry, Peru	New York, N. Y.	Sugar	7,000
Istmo	30	3	Pan...	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Ballast	.....
Mabriton	29	30	Brit...	R. Chapman & Son	Vancouver, B. C.	London, England	Wheat	9,565
Oregon [2]	30	1	Fr....	French Line	Vancouver, B. C.	Havre, France	General	7,436
Svenor [1] [2]	30	30	Nor...	S. Ugelstad, Oslo	San Luis, Calif.	Pt. de Bouc, Fr.	Crude oil	11,300
Pan Gothia [1] [2]	30	1	Swed..	Standard Oil Co.	Talara, Peru	Rotterdam, Neth.	Oil, naphtha	14,206
Timber Rush	30	1	Amer..	Shepard S. S. Co.	Everett, Wash.	New York, N. Y.	Lum., gen.	7,505
Kaikoura [2]	30	2	Brit...	M. A. N. Z. Line	Adelaide, Aust.	St. John, N. B.	General	3,536
Steel Maker	30	1	Amer..	Isthmian S. S. Lines	N.Westm'er, B.C.	Avonmouth, Eng.	(14)	8,005
Durazzo	1	3	Ger...	Hapag Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, hides	434
Nero [2]	1	3	Neth..	Royal Neth. S. S. Co.	Tumaco, Col.	Cristobal, C. Z.	Ballast	.....
Birmingham City	1	1	Amer..	Isthmian S. S. Lines	Honolulu, T. H.	New York, N. Y.	Sugar, pines	8,292
Athelcrown [1] [2]	1	1	Brit...	United Molasses Co.	Kahului, T. H.	Liverpool, Eng.	Molasses	17,100
Berganger [2]	1	2	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	(15)	8,018
Pereira	1	5	Pan...	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	636
Ramon de Larrinaga	1	1	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Liverpool, Eng.	Cereals, canned fruit.	8,805
Pacific	1	1	Amer..	Weyerhaeuser S. S. Co.	Seattle, Wash.	Norfolk, Va.	Lumber, gen.	7,895
Hoxbar [1]	1	2	Amer..	Petrol Corp., L. A.	Los Angeles, Cal.	New York, N. Y.	Crude oil	10,126
Virginian	1	2	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	8,920
Salmon [7]	2	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Minerva [2]	2	2	Nor...	Chile. Nit. Sales Corp.	Iquique, Chile	Wilmington, N.C.	Nit. of soda.	9,407
Hadleigh	2	2	Brit...	Seaboard Lumber Co.	Crofton, B. C.	Cardiff, Wales	Grain, lum.	9,000
Balboa [2]	1	2	Swed..	Johnson Line	Valparaiso, Chile	Goth'burg, Swed.	General	8,644
S-43 [7]	2	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Marchen Maersk [2]	2	3	Dan...	A. P. Moller	Cebu, P. I.	New York, N. Y.	General	7,215
Gryfevale	2	2	Brit...	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [13]	Nit. of soda.	7,660
Tyrifjord	2	3	Nor...	No. Atl. & Gulf Co.	Salaverry, Peru	Boston, Mass.	Raw sugar	5,129
Ino [2]	2	4	Neth..	Royal Neth S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	383
Torvanger	2	3	Nor...	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	10,041
Turrialba	3	3	Amer..	United Fruit Co.	Pto. Arm'les, R. P.	Baltimore, Md.	Bananas	1,135
Tai Ping [2]	3	4	Nor...	Barber-Wilhelmsen	Zamboanga, P. I.	New York, N. Y.	General	7,121
Porto Bello [2]	3	3	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(16)	8
Trontolite [1] [2]	4	4	Brit...	Imperial Oil Ship. Co.	Talara, Peru	Halifax, N. S.	Gasoline	7,483
Sirius	3	7	Amer..	U. S. Navy	San Diego, Calif.	Norfolk, Va.	Navy stores.	2,021
Ammon	3	4	Ger...	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	9,930
Robert Luckenbach.	3	4	Amer..	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,505
Charles R. McCormick.	3	4	Amer..	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,489
Naruto Maru [2]	4	5	Jap...	Nippon Yusen Kaisha	Shanghai, China	Baltimore, Md.	General	2,224
American	4	4	Amer..	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	General	5,427
Vermar	4	4	Amer..	Calmar Line	Portland, Oreg.	Philadelphia, Pa.	Lumber	7,600
Champagne [1] [2]	4	4	Fr....	Soc. Fr. Transp. Pet.	Talara, Peru	Berre, France	Crude oil	14,238
Argentina [2]	4	5	Swed..	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	Fruit, gen.	6,032
Somersby	4	5	Brit...	Continental Grain Co.	Vancouver, B. C.	Cobh, Ireland [13]	Wheat	8,500
John Bakke [2]	4	6	Nor...	Knut Knutsen	Valparaiso, Chile	Oslo, Norway	Fruit, gen.	7,536
Scaramouche [2] [6]	24	...	Amer..	William Tompkins	Long Beach, Calif	Miami, Fla.	Ballast	.....
Stjerneborg [2]	4	5	Dan...	Seaboard Ship. Co.	Pt. Alberni, B. C.	Boston, Mass.	Lumber	7,402
Point Vincente	5	5	Amer..	Swayne & Hoyt, Ltd.	Portland, Oreg.	Panama City, Fla.	Lumber, gen.	5,463
Orbita	5	5	Brit...	Pacific Steam Nav. Co	SanAntonio, Chile	Liverpool, Eng.	Copper, gen.	8,206
Temple Mead	5	5	Brit...	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nit. of soda.	7,657
Weser [2]	4	6	Ger...	North German Lloyd.	Vancouver, B. C.	Bremen, Ger.	General	8,326
Parthenia	5	5	Brit...	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	General	6,067
Wellington Court.	4	5	Brit...	Canadian Transp. Co.	Pt. Alberni, B. C.	S'ampton, Eng.	Lum., wheat.	8,100
Filleigh	5	5	Brit...	Kerr Gifford, Inc.	Portland, Oreg.	United Kingdom.	Wheat	8,559
Tropic Star	5	5	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	(17)	8,330
City of San Francisco.	5	6	Amer..	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,734
Ardanbhan	5	6	Brit...	Continental Grain Co.	Longview, Wash.	Cobh, Ireland	Wheat	7,673
Trois Ilets	5	7	Fr....	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, ivory	218
Acajutla	6	...	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	335
Santa Lucia	5	6	Amer..	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,739
Fortuna [2]	6	6	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Colon, R. P.	Bananas	45
L. A. Christensen. [2]	6	6	Nor...	Canadian Gulf Line	Powell Riv., B. C.	Houston, Tex.	(18)	4,587

[1] Tanker. [2] Motor ship. [6] Yacht. [7] Submarine. [13] For orders. [14] Grain, lumber, general. [15] Wheat, lumber, general. [16] Lumber, plantains. [17] Nitrate, saltcake. [18] Shingles, paper.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Sambu [2]	6	7	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Real [2]	6	7	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	27
Tuira [2]	6	7	Pan...	J. Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	62
Sona [2]	6	7	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Banauas	45
Popeye [5]	6	...	Amer..	J. E. Baxendale	Balboa, C. Z.	Ped. Miguel, C.Z.	Ballast	.....
Albion Star	6	7	Brit...	Blue Star Line	N. West'er, B. C.	Liverpool, Eng.	Frozen, gen.	5,312
Krossfonn [1] [2]	6	7	Nor...	Pechelbronn, Paris	La Libertad, Ecu.	Donges, Franee.	Crude oil	13,506
Kiyosumi Maru [2]	7	8	Jap...	Kokusai Kisen Kaisha	Manila, P. I.	New Orleans, La.	(14)	4,514
City of Glasgow	7	8	Brit...	M. A. N. Z. Line	Dunedin, N. Z.	Halifax, N. S.	General	2,420
Trecarrell	6	7	Brit...	Archer Daniel Mid. Co.	Vancouver, B. C.	Cobh, Ireland [13]	Wheat	7,569
San Anselmo	7	7	Amer..	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	General	8,601
Aequator	2	7	Ger...	Exper. Shark Fish. Co.	High seas	Cucacao, N. W. I.	Ballast	.....
Mexican	7	7	Amer..	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass.	Lumber, gen.	7,694
S-47 [7]	7	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Marna	7	8	Dan...	West Coast Line	SanAntonio, Chile	New York, N. Y.	General	2,650
S-46 [7]	7	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Mataroa	7	7	Brit...	Shaw, Savill & Albion	Pt. Chalmers, N.Z.	London, England	Frozen, gen.	5,273
Rangitiki [2]	7	7	Brit...	N. Z. Shipping Co.	Wellington, N. Z.	London, England	(15)	4,965
Bethore	8	8	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Pacific Shipper [2]	7	8	Brit...	Furness, Withy & Co.	Vancouver, B. C.	London, England	General	7,136
Litiopa [1] [2]	7	8	Nor...	Petroleo Mexieane	Guayamas, Mex.	Tampieo, Mexico	Ballast	.....
Ingerseks	7	8	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile	Norfolk, Va.	Nit. of soda	7,740
William Luckenbach.	8	8	Amer..	Luekenbaeh Line	Seattle, Wash.	Boston, Mass.	(16)	7,298
S-42 [7]	8	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Kyusyu Maru [2]	8	9	Jap...	Osaka Shosen Kaisha	Manila, P. I.	New York, N. Y.	Sugar, hemp.	4,355
S-45 [7]	8	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Loreto [2]	8	9	Brit...	Pacifie Steam Nav. Co.	Taleahuano, Chile	Hull, England	General	8,115
Mallard [4]	9	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Terukawa Maru [2]	8	10	Jap...	Kawasaki K. Kaisha	Seishin, Chosen	New Orleans, La.	(17)	2,025
Beaconoil [1]	8	9	Amer..	West India Oil Co.	Talara, Peru	Aruba, N. W. I.	Gas oil	9,964
Katrina Luckenbaeh.	9	9	Amer..	Luekenbaeh Line	Portland, Oreg.	Tampa, Fla.	General	4,286
Theofano Livanos	9	9	Greek.	Cia. Salit. Anglo-Chile	Tocopilla, Chile	Azores [13]	Nitrate	8,800
St. Mihiel [8]	8	10	Amer..	U. S. Army	S. Franeiseo, Cal.	New York, N. Y.	General	1,558
Hindanger [2]	9	9	Nor...	Interocean Line	Vaneouver, B. C.	Rotterdam, Neth.	(18)	6,971
Malabar [1]	9	9	Amer..	Shell Oil Corp	Los Angeles, Cal.	New York, N. Y.	Fuel oil	11,136
Nicolaou Ourania.	9	10	Greek.	East Asiatic Co.	Rashin, Korea	Karlsham, Swed.	Soy beans	8,864
Svealand [2]	9	10	Swed..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,700
Elizabeth Kellogg. [1]	9	10	Amer..	Kellogg S. S. Corp.	Manila, P. I.	New York, N. Y.	Coconut oil	6,685
Clio [2]	9	...	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(19)	505
Quito [2]	10	...	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	(20)	1,041
Europa [2]	10	...	Dan...	East Asiatie Co.	Vaneouver, B. C.	Copenhagen, Den.	(21)	8,960
Zacapa	10	10	Amer..	United Fruit Co.	Pto. Arm'les, R. P.	Baltimore, Md.	Bananas	1,100
Hawaiian	10	10	Amer..	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	6,538
Miss C. B. [2]	10	...	Brit...	Sanabria Mines, Ltd.	Tumaco, Col.	Tampa, Fla.	Machinery	9
Doric Star	10	10	Brit...	Blue Star Line	Timaru, N. Z.	London, England	Frozen, gen.	6,803
Middlesex	10	10	Brit...	Federal Steam Nav. Co.	Lyttleton, N. Z.	Glasgow, Scot.	General	6,947
Porto Bello [2]	10	10	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(22)	10

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [7] Submarine. [8] Transport. [13] For orders. [14] Sugar, silk, general. [15] Meat, wool, general. [16] Canned goods, lumber. [17] Fish meal, silk, general. [18] Wheat, lumber, general. [19] Coffee, wood, cotton. [20] Nuts, coffee, general. [21] Wheat, barley, general. [22] Lumber, plantains.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Location of Patients, and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings, and the visiting hours for the various wards and sections.

Section and Ward	Visiting Hours
Section "A:"	
Private and semiprivate rooms	Daily, 9:30–11 a. m.; 2–4:30 p. m.; 6:30–8 p. m.
Wards	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sunday and holidays, 9:30–11 a. m.; 2:00–4 p. m.
Section "B:"	
Ward 5, white American male, private and semiprivate rooms	Daily, 9:30–11 a. m.; 2–4:30 p. m.; 6:30– 8 p. m.
Ward 6, foreign male and female, private rooms; American girls	
Ward 7, white females, private rooms	
Ward 8, obstetrical department, white females	
Nursery	No visitors allowed.
Section "C:"	
Wards 9 (colored section), 11, 12, and 13	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Wards 9 (white section), 10, and 14	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m. Visitors to venereal cases in wards 13 and 14 will be limited to two members of patient's immediate family.
Section "D:"	
Wards 15 and 16	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m.
Wards 17, 19, and 20	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Ward 18	Daily. 9:30–11 a. m.; 2–4:30 p. m.
Isolation section	No visitors permitted except to adults to visit tuberculosis patients Thursday, Sunday, and holidays, 1:30–3 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Dispensary Hours

Location	Week days		Sundays and holidays
	Morning	*Afternoon*	*Morning*
Ancon	8:00–11:00	3:00–5:00	9:00–10:00
Balboa	8:00–11:00	3:00–5:00	9:00–10:00
Colon	8:00–11:00	3:00–5:00	8:00–10:00
Gatun	8:00–11:00	3:00–5:00	8:30– 9:30
Gamboa	8:00–11:00	3:00–5:00	9:00–10:00
Pedro Miguel	8:00–11:00	3:00–5:00	9:00–10:00

Gorgas Hospital Out-Patient Clinic Hours

	Daily, except Sundays and holidays	
	Morning	*Afternoon*
Medical Clinic	*11:00–12:00	*2:00–4:00
Branch Medical Clinic, by appointment only (Consultations only on Saturday, 8–12 a. m.)	8:00–12:00	1:00–4:00
Allergy Clinic, by appointment only, Thursday	.....	1:00–3-30
Surgical Clinic	.....	2:00–3:00
Eye, Ear, Nose and Throat Clinic, white patients	.....	*2:00–3:00
Eye, Ear, Nose and Throat Clinic, colored patients	*8:00–12:00	.....
X-Ray Clinic	8:00–12:00	1:00–4:00
Radio-Therapy Clinic	8:00–12:00	1:00–4:00
Hydro-Therapy Clinic	8:00–12:00	1:30–4:00
Silver Dental Clinic	8:00–12:00	1:00–4:00

* And by appointment.

Colon Hospital and Dispensary Clinic Hours

	Week days		Sundays and holidays
	Morning	*Afternoon*	*Morning*
Eye, Ear, Nose and Throat Clinic	10:30–12:00	*1:00–4:00	8:00–10:00
Gold Clinic	8:30–11:00	3:00–5:00	8:00–10:00
Silver Clinic	8:00–11:00	3:00–5:00	8:00–10:00
Surgical Clinic	.....	1:00–4:00	.....
Maternity and Children's	8:30–11:00	3:00–5:00	.....
Silver Dental Clinic	8:00–12:00	2:00–5:00	.....
X-Ray	11:00–12:00	2:00–3:00	.....

* Excepting Fridays

Visiting Hours, Colon Hospital

Section and Ward	Visiting Hours
Ward A, male, white (ward and semiprivate rooms)	Daily, 2 to 4 p. m.; 6:30 to 8 p. m.
Ward C, male and female, white (ward and private rooms) (No visitors allowed in nursery)	Daily, 2 to 4 p. m.; 6:30 to 8 p. m.
Ward B, female, colored (ward and semiprivate rooms)	Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p. m.
Ward E, male, colored	Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p. m.

Visiting Hours, Corozal Hospital for the Insane

Sundays, Wednesdays, and holidays:
9 a. m. to 10:30 a. m.
1 p. m. to 3:30 p. m.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.75 per barrel at Cristobal and Balboa.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships at stock price cost plus 20 percent surcharge which covers local freight, handling, and other costs.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

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Traffic Through the Panama Canal in December 1938

The total vessels of all kinds transiting the Panama Canal during the month of December 1938, and for the same month in the two preceding years, are shown in the following tabulation:

	December 1936	December 1937	December 1938		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	341	439	284	225	509
Small commercial vessels [1]	89	79	41	38	79
Noncommercial vessels:					
United States Government	49	43	15	13	28
For repairs	1	2	1	1	2
Total	480	563	341	277	618

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the calendar year 1938, as compared with the calendar year 1937:

Month	No. of vessels		[3] Panama Canal net tonnage		Tons of cargo		Tolls	
	1937	1938	1937	1938	1937	1938	1937	1938
January	399	444	1,915,787	2,219,496	1,855,937	2,095,402	$1,598,323.51	$1,837,894.72
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	1,602,306.30	1,786,611.45
March	536	506	2,770,451	[4]2,511,674	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	[4]2,438,985	2,652,880	2,279,235	2,067,026.68	1,961,456.58
May	544	465	2,839,127	[4]2,322,642	2,950,925	2,309,171	2,376,706.36	1,886,825.66
June	472	445	2,450,018	[4]2,227,698	2,670,466	2,122,389	2,070,337.89	1,801,291.78
July	457	429	2,395,306	[5]2,089,000	2,476,366	2,025,660	2,029,642.45	1,694,205.00
August	505	468	2,597,119	[5]2,345,000	2,780,603	2,171,674	2,195,308.87	1,890,050.74
September	444	438	2,312,725	[5]2,165,000	2,385,142	1,998,464	1,935,673.78	1,741,895.46
October	461	494	2,359,406	[5]2,460,000	2,438,788	2,359,673	1,981,087.87	1,977,706.76
November	435	505	2,280,565	[5]2,489,000	2,185,283	2,223,830	1,893,462.00	1,984,014.72
December	439	509	2,238,271	[5]2,526,000	2,046,170	2,374,395	1,845,048.20	2,031,017.04
Total	5,542	5,626	28,559,935	27,948,717	29,298,766	26,227,268	23,950,072.95	22,608,555.25

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[3] These figures indicate the Panama Canal net tonnage as determined under the rules of measurement in effect prior to March 1, 1938.

[4] The Panama Canal net tonnage for these four months as determined under the rules now in effect was as follows: March 1938, 2,311,526; April 1938, 2,258,836; May 1938, 2,150,228; June 1938, 2,064,793.

[5] Estimated tonnage under the former rules, based on total Panama Canal net tons as now measured, July 1938, 1,933,816; August 1938, 2,177,699; September 1938, 2,005,241; October 1938, 2,276,194; November 1938, 2,302,333; December 1938, 2,336,011.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of December 1938. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	[6] Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	41	1,986	$1,565.46	1,052
Pacific to Atlantic	38	1,706	1,531.80	2,037
Total	79	3,692	3,097.26	3,089
Total for calendar year 1938	936	43,797	38,521.94	31,398

[6] As measured under the present Panama Canal rules.

Traffic by Nationality of Vessels[7] for December 1938

Nationality	No. of transits	[8] Panama Canal net tonnage	Tolls	Tons of cargo
British	141	724,609	$617,173.56	621,671
Chilean	1	5,018	4,516.20	2,100
Danish	13	49,734	44,102.70	47,333
French	10	47,544	42,005.88	54,593
German	31	131,487	116,363.52	135,463
Greek	10	45,443	39,345.48	63,060
Italian	4	22,573	20,315.70	15,315
Japanese	21	120,929	108,836.10	125,759
Netherland	27	64,141	54,539.10	39,496
Norwegian	65	287,426	243,039.24	316,151
Panamanian	17	29,807	25,709.58	41,209
Peruvian	1	1,526	1,373.40	1,420
Swedish	14	66,466	57,148.92	93,887
United States	150	726,897	646,459.02	806,684
Venezuelan	2	3,468	2,809.08	2,300
Yugoslav	2	8,943	7,279.56	7,954
Total	509	2,336,011	2,031,017.04	2,374,395

[7] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [8] As measured under the present Panama Canal rules.

Traffic by Trade Routes for December 1938

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[9] Panama Canal net tonnage	Tons of cargo	No. of ships	[9] Panama Canal net tonnage	Tons of cargo
United States intercoastal	56	271,511	208,274	46	233,470	337,672
East coast United States and:						
Canada	2	8,543		3	13,019	20,048
Central America/Mexico	7	18,066	4,308	7	16,806	5,994
South America	16	67,488	16,444	20	88,351	216,494
Hawaiian Islands	3	14,577	13,771	2	9,885	11,855
Australasia	8	46,488	45,145			
Philippine Islands	9	48,393	54,084	5	29,175	35,363
Far East	32	149,733	233,660	5	29,870	17,006
Canadian intercoastal	3	13,739	8,636			
East coast Canada and:						
United States	1	4,180	7,800			
South America	2	5,186	60	1	4,359	7,483
Australasia	3	15,167	16,543	4	20,272	14,364
Far East	1	6,042	8,026			
Central America/Mexico intercoastal	1	1,581	1,717	1	3,643	
South America intercoastal	6	10,530	16,555			
East coast South America and:						
United States	1	4,046				
Canada	2	8,599	7,950	1	4,573	5,864
Balboa				1	1,734	
Far East	2	11,787	11,279	1	5,396	2,494
Cristobal and:						
Central America/Mexico	4	2,692	4,000	5	3,386	2,586
South America	13	6,627	4,466	16	9,562	9,812
West Indies and:						
United States	2	10,459		1	6,586	13,345
South America	4	21,671	12,081	1	5,134	9,964
Balboa	2	6,954	12,888			
Far East	1	4,612	7,548			
Europe and:						
United States	22	93,203	2,234	13	65,915	113,978
Canada	44	222,379	37,832	47	239,779	363,953
South America	23	118,795	45,050	29	163,911	247,711
Hawaiian Islands				1	8,696	17,100
Australasia	9	64,555	37,719	10	69,946	63,718
Far East	1	5,742	8,033	2	10,099	15,260
Asia and west coast United States				1	1,864	1,724
Around the world	2	13,195	6,940	1	5,919	7,564
Foreign vessels in ballast (United States intercoastal)	2	7,698				
Vessels not engaged in commerce				[10] 1	423	
Total	284	1,284,238	833,043	225	1,051,773	1,541,352

[9] As measured under present Panama Canal rules. [10] Yacht.

Origin and Destination of Cargo by Major Areas, December 1938

The following table summarizes the origin of cargo passing through the Canal in December 1938, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	210,093	20,848	299,679	16,406	45,145	592,171
Other North America	9,387	30,183	9,151	24,293	15,029	88,043
Europe	21,994	16,263	3,336	37,075	39,228	117,896
Miscellaneous	8,911	226	10,399	15,397	.....	34,933
Total	250,385	67,520	322,565	93,171	99,402	833,043

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	334,212	27,355	200,558	7,087	569,212
Canada	20,048	3,500	267,158	1,554	292,260
Other North America	17,849	2,710	18,415	.....	38,974
South America	214,597	31,113	245,842	26	491,578
Australasia	8,952	5,309	63,707	.....	77,968
Asia	53,014	3,034	15,097	215	71,360
Total	648,672	73,021	810,777	8,882	1,541,352

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more long tons either during December 1938, or in December 1937, are listed below:

Commodity	December		Commodity	December	
	1937	1938		1937	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Asphalt and tar	28,888	3,320	Canned goods, various	58,517	92,142
Automobiles and parts	33,489	24,006	Coffee	10,628	14,297
Canned goods	8,236	12,226	Cold storage (food products) [11]	36,534	31,844
Cement	7,909	12,238	Copra	12,056	4,733
Chemicals	8,905	10,461	Cotton, raw	12,609	9,553
Cotton, raw	3,084	30,032	Flour	20,673	9,451
Iron and steel	132,678	128,168	Fruit, dried	23,922	29,860
Machinery	11,619	13,208	Fruit, fresh [12]	33,665	35,588
Manufactured goods	19,593	14,984	Lumber	177,857	250,793
Metals, various	26,154	25,730	Metals, various	67,109	59,991
Oils, mineral	67,065	83,008	Molasses and syrups	1,236	18,724
Paper	29,755	33,004	Nitrates	132,536	102,780
Phosphates	22,672	27,887	Oats	3,867	15,786
Scrap metal	1,006	142,442	Oils, mineral	220,051	255,009
Sulphur	33,414	29,799	Oils, vegetable	15,218	17,471
Tinplate	16,882	30,561	Ores	159,295	184,814
Wood pulp	10,762	5,357	Paper	5,406	14,569
			Phosphates	.....	15,345
Pacific to Atlantic			Sugar	81,699	57,592
Barley	13,511	6,769	Wheat	96,935	162,097
Beans, edible, dry	13,381	11,595	Wood pulp	40,836	19,273

[11] Does not include fresh fruit. [12] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of December 1938, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	14	79
Agricultural implements	519	24	3,897	24
Alfalfa meal	.....	703	.....	1,010
Ammonium compounds	899	.....	4,434	.....
Animal foods [13]	51	18	51	18
Apparel, wearing (hats, shoes, clothing, etc.)	27	.....	33	.....
Asbestos	929	413	2,509	447
Asphalt and tar	300	40	3,320	718
Automobiles (and autotrucks)	1,668	3	16,216	5
Automobile parts and accessories	1,241	24	7,790	24
Bags and bagging, textile	86	.....	180	.....
Bamboo and products	.....	.....	.....	159
Bananas	.....	.....	.....	7,674
Barks, miscellaneous	32	.....	32	754
Barley	.....	42	.....	6,769
Beans, edible, dry	30	5,959	30	11,595
Beer	109	13	283	13
Beverages, nonalcoholic	.....	.....	44	.....
Blood and tankage	.....	.....	.....	25
Bones and bone meal	.....	.....	779	.....
Books and printed matter	36	.....	38	.....
Borax	.....	590	43	2,672
Bran and pollards	.....	1	.....	1,496
Bricks and tile	318	.....	3,410	.....
Canned and preserved goods:				
Fish	332	12,226	840	20,066
Fruit	1,090	25,739	1,147	52,248
Meat	63	104	1,493	529
Milk	26	86	474	168
Soup	2,946	37	3,841	37
Vegetables	981	7,584	1,243	7,817
Miscellaneous and unclassified	2,649	10,399	3,188	11,277
Carbon black	107	.....	1,082	.....
Celite	.....	417	.....	417
Cement	260	.....	12,238	27
Chalk	.....	.....	148	.....
Charcoal	95	22	465	22
Chemicals [13]	3,337	823	10,461	1,645
Clay, china and fire	203	159	372	333
Clay, filtering	.....	171	.....	171
Coal	704	.....	1,522	.....
Cocoa and cacao beans	543	4	888	1,322
Coconuts and products [13]	154	365	311	1,997
Coffee	126	.....	5,934	14,297
Coke	.....	35	7,748	35
Cold storage and refrigerated products:				
Dairy products	33	143	282	18,531
Eggs	.....	.....	1	115
Fish	40	23	80	1,205
Lard	188	.....	321	10
Meats	16	.....	482	11,680
Poultry	.....	130	2	174
Vegetables	.....	.....	.....	52
Other and unclassified	119	.....	188	77
Confectionery	1,826	.....	1,860	12
Copra	.....	.....	.....	4,733
Corn	.....	.....	342	.....
Cotton, raw	20	568	30,032	9,553
Creosote	13	.....	18	.....
Drugs and medicines	2,580	53	2,879	55
Dyes	.....	.....	80	1
Earthenware	.....	93	126	93
Eggs, dried	.....	.....	.....	25
Electrical apparatus and appliances	1,920	228	4,492	238
Enamelware and metalware	274	40	512	47
Explosives	49	.....	553	.....
Extract, quebracho	.....	.....	3,968	.....
Fertilizers [13]	65	561	701	926
Fish, salted or dry-cured	.....	.....	65	58
Fish meal	.....	360	.....	6,429
Floor coverings	1,482	827	1,724	847
Flour	20	7,719	887	9,451
Fruit, dried	10	13,396	82	29,860
Fruit, fresh [12]	108	2,388	595	35,588
Furniture and household goods	375	36	403	36
General	11,744	3,975	47,927	12,903
Glass and glassware	1,491	381	4,736	1,201
Glue	8	34	30	47
Grains [13]	6	.....	33	55
Groceries	1,838	216	2,491	239

[13] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Gums	32	38	32	124
Hair, all kinds	117	19	117	86
Hay	.....	.....	22	181
Hemp, unmanufactured	.....	.....	6	2,046
Honey	.....	21	.....	141
Hops	.....	.....	13	40
Horns and hoofs	.....	.....	45	20
Infusorial earth	.....	683	.....	1,123
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	61,273	430	128,168	529
Ivory nuts	55	.....	341	1,880
Jute, unmanufactured	.....	.....	15	.....
Lard substitute	349	.....	349	.....
Lime	.....	.....	201	.....
Liquors	3,142	467	4,786	509
Lumber (including manufactured mill products)	2,032	111,323	4,374	250,793
Machinery	1,918	915	13,208	1,064
Malt	.....	.....	561	.....
Manufactured goods [13]	5,686	1,164	14,984	3,108
Marble and granite	21	.....	138	.....
Matches	233	59	280	59
Metals:				
Antimony	.....	.....	26	.....
Copper	457	1,299	7,358	39,503
Gold and silver	.....	.....	.....	25
Iron	2,250	.....	10,448	296
Lead	31	368	235	15,250
Tin	312	41	1,966	1,403
Zinc	47	.....	3,092	3,390
Other and unclassified	244	5	2,605	124
Milk, powdered	.....	404	12	1,344
Molasses and syrups	563	15	696	18,724
Nitrate	2,700	.....	3,357	102,780
Nuts, edible (including meats)	13	249	36	370
Oats	304	104	313	15,786
Oils, mineral:				
Crude	.....	10,126	10,682	79,389
Gas and fuel	.....	31,347	24,343	70,151
Gasoline, benzine, and naphtha	34	20,451	17,090	87,027
Kerosene	3	.....	386	17,565
Lubricating and greases	14,804	272	30,456	849
Other and unclassified	10	28	51	28
Oils, vegetable:				
Coconut	.....	.....	351	12,358
Cottonseed	215	.....	226	.....
Linseed	475	.....	566	.....
Olive	83	.....	374	.....
Peanut	.....	.....	620	530
Rapeseed	.....	32	.....	42
Teaseed	.....	28	.....	368
Wood	.....	.....	.....	2,887
Other and unclassified	132	1	988	1,286
Oil, fish	11	2,484	82	4,129
Oil, whale	.....	274	.....	274
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	.....	2,604	1,799
Oilseed cake and meal	4,911	.....	5,066	7,668
Ores:				
Antimony	.....	.....	.....	421
Copper	.....	.....	8,573	7,300
Gold and silver	.....	.....	.....	792
Iron	.....	.....	44	151,400
Lead	.....	.....	.....	5,121
Magnesite	.....	146	514	610
Manganese	.....	896	.....	5,999
Tin	.....	.....	2	4,093
Zinc	.....	.....	140	7,130
Other and unclassified	.....	.....	499	1,948
Paints and varnishes	1,396	105	3,678	328
Paper and paper products [13]	14,957	9,402	33,004	14,569
Peanuts	637	.....	637	.....
Peas, dry	.....	461	.....	573
Peatmoss	10	.....	341	.....
Phosphates	440	.....	27,887	15,345
Plaster	56	.....	179	.....
Porcelainware	265	82	1,075	2,024
Potash	38	3,033	2,240	5,108
Pyrethrum flowers	.....	.....	.....	236
Rags and waste	67	657	1,186	804
Railroad material	10	.....	9,256	.....
Rice	1,572	225	1,817	1,460

[13] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rope and twine	339	51	411	120
Rosin	1,128	.....	3,223	4
Rubber:				
Manufactured	505	552	765	585
Raw	462	.....	594	605
Scrap	.....	.....	673	83
Salt	238	374	2,765	424
Sand	702	.....	2,024	.....
Scrap metal	61	213	142,442	1,695
Seeds (except oilseeds)	95	310	340	512
Shells, oyster	364	.....	439	215
Silk, raw	.....	206	.....	2,148
Skins and hides	7	1,407	600	6,783
Slag	.....	.....	1,700	.....
Slate	1,072	.....	1,095	.....
Soaps and products	2,708	14	2,720	26
Soda and sodium compounds:				
Soda ash	212	35	402	510
Soda caustic	792	.....	1,475	.....
Miscellaneous and unclassified	879	170	1,657	170
Soya beans	202	.....	202	8,989
Spices	308	59	383	59
Sugar	150	16,918	618	57,592
Sulphur	14,330	.....	29,799	10
Talc	.....	95	36	104
Tallow	.....	1,010	195	2,652
Tea	70	9	371	1,403
Textiles [14]	3,206	31	7,006	1,675
Tinplate	13,901	.....	30,561	.....
Tobacco and manufactures	325	63	7,004	361
Toilet preparations	103	9	105	61
Turpentine	136	.....	197	.....
Vegetables, dry [13]	.....	.....	.....	69
Wall board	153	.....	696	326
Wax, paraffin	362	.....	1,469	124
Wheat	31	115	65	162,097
Wines	218	1,503	477	2,942
Wood pulp	1,008	14,916	5,357	19,273
Wool	35	1,326	46	7,295
Total, December 1938	210,093	334,212	833,043	1,541,352
Total, December 1937	184,489	276,325	674,223	1,371,947
Total, December 1936	.....	.....	538,784	999,719

[13] Except as otherwise classified. [14] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of December 1938:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[15] Panama Canal net tonnage	Tons of cargo	No. of ships	[15] Panama Canal net tonnage	Tons of cargo
United States intercoastal	1	4,935	9,268	6	35,076	61,924
East coast United States and:						
South America	.....	.....	.....	1	7,361	.....
Philippine Islands	.....	.....	.....	1	3,698	[16] 6,685
East coast Canada and South America	1	793	60	1	4,359	7,483
Central America/Mexico intercoastal	.....	.....	.....	1	3,643	.....
South America intercoastal	2	6,072	13,371	.....	.....	.....
East coast South America and Balboa	.....	.....	.....	1	1,734	.....
West Indies and:						
United States	2	10,459	.....	1	6,586	13,345
South America	2	11,252	12,081	1	5,134	9,964
Balboa	2	6,954	12,888	.....	.....	.....
Europe and:						
United States	5	31,388	.....	7	41,663	76,708
South America	5	28,767	.....	7	43,178	84,658
Hawaiian Islands	.....	.....	.....	1	8,696	[17] 17,100
Total	20	100,620	47,668	28	161,128	277,867

[15] As measured under the present Panama Canal rules. [16] Coconut oil. [17] Molasses.

Comparison of Canal Traffic in December 1938, with December Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of December			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1914	[18] 98	342	453	1915	[20] 100	[20] 361	[20] 486
1915	[19] 5	8	12	1916	60	199	258
1916	144	467	540	1917	145	483	588
1917	147	482	563	1918	165	547	627
1918	162	533	630	1919	162	510	576
1919	254	927	924	1920	199	712	781
1920	257	1,027	1,077	1921	232	950	966
1921	234	1,017	952	1922	222	951	907
1922	299	1,375	1,535	1923	325	1,550	1,631
1923	500	2,516	2,495	1924	429	2,179	2,249
1924	403	1,989	2,266	1925	382	1,904	1,996
1925	458	2,257	2,358	1926	424	2,064	2,169
1926	436	2,133	2,308	1927	441	2,184	2,311
1927	567	2,615	2,572	1928	521	2,453	2,468
1928	569	2,697	2,713	1929	524	2,485	2,554
1929	510	2,547	2,523	1930	592	2,497	2,502
1930	483	2,472	2,165	1931	447	2,314	2,089
1931	383	2,033	1,649	1932	364	1,977	1,650
1932	384	2,078	1,620	1933	347	1,900	1,513
1933	476	2,617	2,191	1934	436	2,379	2,059
1934	443	2,331	2,089	1935	432	2,317	2,109
1935	459	2,383	2,188	1936	449	2,335	2,299
1936	341	1,656	1,538	1937	467	2,404	2,507
1937	439	2,238	2,046	1938	460	[21] 2,338	2,282
1938	509	[23] 2,526	2,374	([22])	469	[23] 2,329	2,186

[18] Canal opened August 15, 1914. [19] Canal closed part of month due to slides. [20] Average for 10½ months of fiscal year ended June 30, 1915. [21] As measured under the rules in effect prior to March 1, 1938. [22] Average calendar year 1938. [23] Estimated tonnage under Panama Canal rules in effect prior to March 1, 1938.

Terminal Activities

Ships repaired during the month of December 1938 numbered 55. Vessels released from drydock numbered 12. Fuel oil amounting to 270,593 barrels was delivered as bunkers to 132 commercial ships. Bunker coal amouting to 4,451 tons was delivered to 23 commercial ships. Sales of commissary supplies to ships aggregated $47,019.15.

Cargo Handled at Terminal Ports

		Cristobal	Balboa	Total
Local cargo arriving	tons	26,550	9,937	36,487
Local cargo shipped	tons	2,198	333	2,531
Cargo received for transshipment	tons	49,504	559	50,063
Cargo transshipped	tons	48,139	316	48,455
"Canal Zone for Orders" cargo:				
Number of receipts issued		2	3	5
Number of releases issued		39	8	47
Tons received		7	10	17
Tons withdrawn		45	6	51

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	574	3,395,351	2,009,743	539	3,074,993	1,843,831
Vessels entering port but not transiting Canal	55	356,888	192,123	9	43,138	28,016
Vessels transiting Canal and handling passengers and cargo at terminal ports	126	709,910	418,009	120	758,439	437,646
Ships clearing						
All vessels, including those transiting Canal	574	3,415,743	2,021,601	540	3,082,930	1,847,375
Vessels clearing port but not transiting Canal	55	362,696	195,633	9	43,138	27,816
Vessels transiting Canal and handling passengers and cargo at terminal ports	126	716,908	422,836	121	765,048	443,373

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight December 10, 1938, to midnight January 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Costa Rica, 96, 757
Ino, 445, 0
Istmo, 807, 255
San Diego, 131, 30
Hagen, 12, 223
Acajutla, 0, 968
Durazzo, 0, 353
Talamanca, 78, 970
Canada, 27, 15
Cadmus, 15, 320
Santa Barbara, 381¼, 0
Santa Elena, 113, 85
Comedian, 177, 0
Alabama, 508, 177
Contessa, 285, 727
Damsterdijk, 145, 89
Santos, ¼, 345
Metapan, 14, 0
Sambu, 0, 42
Platano, 927, 28
Caribia, 61, 35
West Ivis, 856, 82
Veragua, 176, 562
John Cabot, 381, 0
Colombie, 81, 503
Hermonthis, 132, 170
Canada, 32, 44
Quito, 0, 721
Vermont, 901, 0
Bogota, 1,160, 168
Buenaventura, 1,731, 368
Reina del Pacifico, 93, 4
Tigre, 10, 0
Toloa, 1,073, 157
American Press, 1,855, 1,251
Ordunna, 35¼, 326
Portland, 350, 674
Yamakaze Maru, 386, 0
Mantilla, 4,770, 0
Ino, 619, 311
Breda, 2, 88
Pasajero, ½, 3
Santa Rita, 440, 48
Knute Nelsen, 63, 22
San Rafael, 553, 0
El Mirlo, 13,740, 0
Istmo, 826, 299
Lochaven, 224, 33
Simon Bolivar, 67, 60
Nero, 612, 148
Trois Ilets, 354, 104
Quirigua, 11, 778
Ojeda, 200, 0
San Antonio, 294, 286
John Cabot, 0, 1,095
Santa Rosa, 64½, 122
West Ivis, 76, 0
Santa Inez, 336, 0
Cefalu, 284, 721
Salvador, 683, 552
Caribia, 34½, 714
Musa, 831, 101
Mostun, 27, 0
Leme, 204, 58
Itauri, 103, 111
Alkmaar, 1,124, 628
Santa Lucia, 165, 34
Chiriqui, 175, 539
Kiyokawa Maru, 722, 11
Nuernberg, 127, 863
Bogota, 36, 813
R. L. Hustler, 2, 0
Cerigo, 1,295, 0
Sixaola, 1,679, 93
San Pedro, 1,142, 0
Maravi, 0, 164
Clio, 495, 280½
Custodian, 273, 0
Gansfjord, 23, 317
Narenta, 0, 32
Lroiga, 2½, 370
Kaimata, 0, 509
Nero, 413, 287½
Douro, 366, 207
Istmo, 1,198, 1,149
Jamaica, 52, 120½
San Marcos, 850, 12
Oakland, 343, 0
Orazio, 70, 152
Simon Bolivar, 0, 1,442½
Tai Ping Yang, 1,147, 0
Hardanger, 28, 612
Santa Paula, 143, 24½
Allister, 0, 32
Muntersland, 0, 334
Margaret Lykes, 261, 728
Trois Ilets, 385, 0
Phrygia, 0, 332
Anhalt, 4, 29
Contessa, 765, 893
Nordstjernan, 141, 70
Nuevo Panama, 0, 20
Sambu, 0, 51
Pereira, 634, 0
Santa Clara, 615, 91
Schwaben, 54, 24½
Platano, 856, 86
Lochgoil, 191, 19
San Mateo, 654, 633
Patria, 528, 543
Aachen, 162, 365
Boskoop, 0, 163
Santa Barbara, 318, 159
Talamanca, 57, 1,050
Flandre, 100, 1,334
Guayaquil, 2,291, 0
Ulua, 532, 151½
San Jose, 180, 364
Cellina, 148, 86
Mantilla, 5,556, 0
Virgilio, 98, 0
Ino, 614, 0
Guayaquil, 0, 519
Cerigo, 0, 736
Virgilio, 0, 28
Ino, 0, 476
Kongo Maru, 340, 0
Tokai Maru, 240, 156
Rhakotis, 368, 1,509
Anubis, 271, 0
Veragua, 2, 207
Pereira, 0, 1,037
Losada, 39, 0
Istmo, 816, 359
Gansfjord, 0, 457
Hulda Maersk, 4, 0
Santa Elena, 281, 0
Santa Maria, 358, 7
Cefalu, 335, 630
Laurits Swenson, 36, 0
Michigan, 1,103, 0
Bullmouth, 10,489, 0
Nuevo Panama, 235, 0
Durazzo, 1,005, 640
Acajutla, 808, 669½
Nagara Maru, 122, 0
Musa, 696, 257
Lochkatrine, 244, 202
Anna Maersk, 823, 247
Trois Ilets, 319, 123
Quirigua, 73, 1,373½
Santa Inez, 315, 31½
Osnabruck, 139, 1,100
Cristobal, 5,166, 894
Nero, 600, 162
Axel Johnson, 57, 16
Santa Marta, 552, 333
Wisconsin, 281, 1
Patricia, 13½, 584
Tuyama Maru, 163½, 39
Quito, 703½, 1,165
Aconcagua, 25, 0
San Simeon, 451, 0
Oropesa, 18½, 900
Bodegraven, 389, 822
Clio, 451, 123
Douro, 198, 0
Deroche, 2,905, 0
Donou, 82, 383½
Lysfjord, 4, 263
Port Halifax, 53, 159
Chiriqui, 80, 58
Isar, 123½, 142½
Cordillera, 122, 33
Socrates, 170, 732½
Santa Rosa, 12¼, 39
Commissaire Ramel, 0, 16
Istmo, 828, 0
John Cabot, 717, 0
Saarland, 78, 0
Contessa, 338, 0
Delftdyk, 276, 0

BALBOA

San Diego, 191, 222
City of Norfolk, 341, 0
Santa Barbara, 0, 1
Acajutla, 0, 2
Nitro, 3, 0
West Ivis, 843, 0
Santos, 203, 40
City of Los Angeles, 21, 4
Portland, 192, 3
Santa Rita, 73, 1
City of Baltimore, 336, 0
Santa Inez, 0, 6
Ojeda, 2,324, 0
Chilean Reefer, 149, 35
Geisha, 703, 0
Turrialba, 0, 1
Lebec, 9,590, 0
Cerigo, 2, 0
Atlantic, 10,588, 0
West Cactus, 1,711, 0
Santa Lucia, 139, 14
Tai Ping Yang, 257, 0
City of Newport News, 153, 0
Santa Clara, 10, 0
Santa Barbara, 160, 4
La Placentia, 10,978, 0
Port Hunter, 8, 0
Capac, 423, 0
Cathwood, 9,685, 0
Santa Maria, 1, 0
Anna Maersk, 170, 0
Rangitata, 28, 0
Montatan, 311, 2
Rakuyo Maru, 32, 0
Mosfruit, 17, 0
St. Mihiel, 375, 76
Santa Inez, 143, 3
Wisconsin, 1,664, 0
Florida Maru, 109, 0
City of Los Angeles, 371, 0
Santa Rita, 7, 0
Acajutla, 0, 1

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

During December 1938, ocean-ship passengers disembarking at Cristobal numbered 1,871, embarking 1,830; at Balboa, 556 disembarking and 479 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 3,228, from the Pacific to the Atlantic, 2,427. Aircraft numbering 76 entered Cristobal, 280 passengers disembarking; clearances were 74, with 308 passengers embarking. At Balboa entries of aircraft numbered 52, 144 passengers disembarking; clearances were 52, with 136 passengers embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.75 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal
From midnight December 10, 1938, to midnight January 10, 1939

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Cachalot [7]	11–23	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Helga	10	11	Dan.	J. Lauritzen	New York, N. Y.	Valparaiso, Chile.	General	1,665
West Notus	10	11	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	1,332
Napier Star	10	11	Brit.	Blue Star Line	London, England	Wellington, N. Z.	General	3,870
Tacoma Star	10	11	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	.....
Tampa [2]	10	11	Amer.	Roosevelt S. S. Co.	Newp't News, Va.	Fremantle, Aust.	General	4,143
Panaman	10	11	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,907
Akiura Maru [2]	11	11	Jap.	Mitsubishi Shoji K.	Pt. Arthur, Tex.	Niihama, Japan.	Coke, cotton	7,576
Wearpool [2]	11	11	Brit.	Sir R. Ropner & Co.	London, England	Portland, Oreg.	Ballast	.....
Suva	11	11	Brit.	W. R. Carpenter & Co.	Rotterdam, Neth.	Suva, Fiji Is.	Cement, gen.	166
Clio [2]	10	11	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	92
Duala [2]	11	11	Nor.	East Asiatic Co.	Goth'burg, Swed.	Portland, Oreg.	Ballast	.....
Allister	11	11	Brit.	Texas Oil Co.	Pt. Limon, C. R.	Puntarenas, C. R.	(13)	1,505
Lena Luckenbach	11	12	Amer.	Luckenbach Line	Tampa, Fla.	Seattle, Wash.	General	3,668
Villanger [2]	11	12	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Ino [2]	11	12	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	Ballast	.....
San Diego	11	13	Fr.	French Line	Antwerp, Belgium	Vancouver, B. C.	General	1,507
Istmo	11	12	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	693
Horace Luckenbach.	12	12	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	4,944
Clumberhall	12	13	Brit.	Seaboard Ship. Co.	Hartlepool, Eng.	Brit. Columbia.	Ballast	.....
Onomea	12	13	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	General	4,318
Modavia [2]	13	13	Brit.	Donaldson Line	Glasgow, Scotland	Vancouver, B. C.	General	521
Kunikawa Maru [2]	13	13	Jap.	Kawasaki K. Kaisha.	New York, N. Y.	Kobe, Japan	Gen., cotton.	7,931
Tainui	13	14	Brit.	Shaw, Savill & Albion.	London, England	Auckland, N. Z.	General	3,820
Hellen	13	13	Nor.	Chile Nit. Sales Corp.	Rotterdam, Neth.	Iquique, Chile	Ballast	.....
Canada [2]	13	13	Dan.	East Asiatic Co.	Copenhagen, Den	Vancouver, B. C.	General	283
Karmt [2]	13	13	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile.	Ballast	.....
Maria Stathatos.	13	14	Greek.	Stathatos & Co.	Houston, Tex.	Yawata, Japan.	Scrap steel.	6,336
Porto Bello [3]	13	13	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Alabama	13	14	Fr.	French Line	Havre, France.	Callao, Peru	General	1,739
Acajutla	6	14	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	968
Metapan	13	14	Amer.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R.P.	Ballast	.....
Washingtonian	13	14	Amer.	Amer.-Hawaiian Line.	Wilmington, N.C.	Seattle, Wash.	Steel, gen.	2,942
Somerville [2]	13	14	Nor.	A. F. Klaveness & Co.	New York, N. Y.	Japan	Scrap iron.	6,963
California Express [2]	14	14	Nor.	Fruit Express Line	Glasgow, Scotland	Seattle, Wash.	Ballast	.....
Pacific Enterprise [2]	14	14	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	435
Grainton	14	14	Brit.	Empire Ship. Co.	Barry, England.	Vancouver, B. C.	Ballast	.....
Tuscaloosa City	14	14	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	(14)	7,945
Eidsvold [2]	14	14	Nor.	Kawasaki K. Kaisha.	Houston, Tex.	Yokohama, Japan	General	7,398
Salmon [7]	2	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Mountpark	13	14	Brit.	Denholm Line	Tampa, Fla.	Yokohama, Japan	Phosphate.	7,851
Frumenton	14	14	Brit.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Vancouver, B. C.	Ballast	.....
Chilore	14	14	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Pomona	14	14	Amer.	Pac. Coast Dir. Line.	Norfolk, Va.	Seattle, Wash.	General	3,088
Ulm [2]	14	14	Ger.	North German Lloyd.	Bremerh'en, Ger.	Seattle, Wash.	General	292
Durazzo	11	14	Ger.	Hamburg-Amer. Line.	Rio Hacha, Col.	Guayaquil, Ecua.	General	228
Norbris [1] [2]	14	14	Pan.	Standard Oil of N. J.	Aruba, N. W. I.	Ant'fagasta, Chile	Fuel oil	12,081
Alaskan	14	15	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,903
Sambu [2]	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	60
Sona [2]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirre [2]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
La Union [2]	13	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Santos [2]	13	15	Swed.	Johnson Line	Toppila, Finland.	Valparaiso, Chile.	General	2,335
San Cipriano [1] [2]	15	15	Brit.	Eagle Oil & Ship. Co.	Jarrow, England.	Los Angeles, Cal.	Ballast	.....
Vihran [2]	15	15	Nor.	Knutsen Line	S'hampton, Eng.	Vancouver, B. C.	Ballast	.....
Caduceus	15	15	Brit.	Chile Nit. Sales Corp.	Barry, England.	Chile	Ballast	.....
J-62 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Hermonthis [2]	15	16	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	4,485
Chr. Knudsen [2]	15	16	Nor.	Canadian Transp. Co.	Botwood, Nfld.	Tacoma, Wash.	Copper conc.	7,800
Kurdistan	15	16	Brit.	Common Bros.	Barry, England.	S. Francisco, Cal.	Ballast	.....
Waipawa [2]	16	16	Brit.	Shaw, Savill & Albion	Glasgow, Scotland	Auckland, N. Z.	General	10,124
Canada [2]	15	16	Swed.	Johnson Line	Goth'burg, Swed.	Vancouver, B. C.	General	3,064
Antiope	16	16	Brit.	Andrew Weir & Co.	Barry, England.	Yawata, Japan.	Scrap iron.	7,548
Tigre [2]	16	16	Nor.	Fred Olsen & Co.	Oslo, Norway.	Vancouver, B. C.	General	126
Malantic	16	17	Amer.	Keickhefer Cont. Co.	Philadelphia, Pa.	Seattle, Wash.	(15)	4,777
John Cabot	15	...	Brit.	Grace Line	Cristobal, C. Z.	Balboa, C. Z.	Drydocking.	.....
Vermont	15	17	Amer.	Calif.-Eastern Line.	New York, N. Y.	Tacoma, Wash.	General	1,396
J. L. Luckenbach.	17	17	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., autos.	3,449
City of Los Angeles.	17	17	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,629
Portland [2]	16	18	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	5,243

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [13] Gasoline, asphalt. [14] Steel products, general. [15] Paper containers.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Orduna	16	17	Brit	Pacific Steam Nav.Co.	Liverpool, Eng	Valparaiso, Chile.	Gen., sugar	1,661
Quito [2]	10	17	Ger	North German Lloyd.	Cristobal, C. Z	Callao, Peru	General	353
Missourian [2]	17	18	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash	General	2,853
Ino [2]	16	18	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z	Guayaquil, Ecua.	General	283
Ahto [6]	10	20	Eston	Ahto Walter	Kingston, Jam.	Galapagos Island.	Ballast	
Yamazuki Maru [2]	17	18	Jap	Yamashita K. Kaisha	Buenos Aires, Arg.	Osaka, Japan	General	6,085
Eskbank [2]	17	18	Brit	Inver Transp. & Trad.	Baltimore, Md.	Shanghai, China	General	5,682
Justitia	18	18	Brit	Bank Line	Savannah, Ga	Yawata, Japan	Scrap	8,311
Santa Rita [2]	17	18	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile.	Gen., expl.	1,789
Minerva [2]	18	18	Nor	Chile Nit. Sales Corp.	Wilmington, N.C.	Tocopilla, Chile.	Ballast	
San Rafael	17	19	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash	General	2,619
Lochaven [2]	18	19	Brit	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	2,153
Loch Don	18	19	Brit	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	
Steel Traveler	19	19	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Saigon, China	Steel	5,584
Ojeda [1]	19		Venez	Curacaosche Sch. Mij.	Curacao, N. W. I.	Balboa, C. Z	Ballast	
Imperial [1] [2]	19	19	Brit	Imperial Oil Co.	St. Johns, N. B.	Vancouver, B. C.	Pet. prod	60
Nero [2]	18	19	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z	B'ventura, Col.	General	136
Istmo	18	19	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	B'ventura, Col.	General	530
Mallard [10]			Amer.	U. S. Navy	Cristobal, C. Z	Balboa, C. Z	Ballast	
Col. Riehe [5]			Amer.	U. S. Army	Cristobal, C. Z	Gatun, C. Z	Tow. barge	
El Mirlo [1]	17	20	Brit	C. T. Bowring & Co.	Ellesmere, Eng.	Cabo Bl'co, Peru	Ballast	
Asakasan Maru [2]	20	20	Jap	Mitsui & Co	Philadelphia, Pa	Moji, Japan	(14)	7,011
Javanese Prince [2]	20	20	Brit	Prince Line, Ltd	Boston, Mass.	Saigon, China	General	4,316
Felix Taussig	20	20	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash	(15)	6,211
Grete Maersk [2]	20	20	Dan.	A. P. Moller Co	Boston, Mass.	Cebu, P. I.	General	6,994
Pacific Pioneer [2]	20	20	Brit	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	298
Geisha [2]	20	21	Nor	Scand. So. Pac. Line	Oslo, Norway	SanAntonio, Chile	General	3,500
West Ira	20	20	Amer.	McCormick S. S. Co.	BuenosAires, Arg.	Vancouver, B. C.	General	3,686
Victory [3]	20	20	Pan	A. Tagaropulos	Cristobal, C. Z	Real, R. P.	General	3
Woodcock [10]			Amer.	U. S. Navy	Cristobal, C. Z	Balboa, C. Z	Ballast	
Turrialba	20	21	Amer.	United Fruit Co	Baltimore, Md.	Pto.Arm'les, R.P.	Ballast	
Trois Ilets	18	21	Fr	French Line	Cristobal, C. Z	B'ventura, Col.	General	100
Nuevo Panama [2]	20	21	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Panama, R. P.	Ballast	
Point Lobos	21	21	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash	General	4,710
Steel Exporter	21	21	Amer.	Isthmian S. S. Lines	New York, N. Y.	Portland, Oreg.	(16)	3,405
Elsa Essberger [2]	21	21	Ger	Anglo-Can. S. S. Co.	Hamburg, Ger.	Vancouver, B. C.	Ballast	
Gen. Wm. M. Graham. [11]			Amer.	U. S. Army	Cristobal, C. Z	Gatun, C. Z	Ballast	
Sambu [2]	20		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z	Ballast	
Tuira [2]	20		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z	Ballast	
Sona [2]	20		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Balboa, C. Z	Ballast	
Real [2]	20	21	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z	Pedregal, R. P.	General	2
Yorkmar	22	22	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash	Steel, gen	6,882
Point Estero	22	22	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash	General	5,504
Leme [2]	21	22	Ital	Italia Line	Trieste, Italy	Vancouver, B. C.	General	2,119
Bonneville [2]	22	22	Nor	Klaveness & Co	Searsport, Me.	Yawata, Japan	(17)	7,578
Thorstrand [2]	22	22	Nor	Fred Olsen Line	Rotterdam, Neth.	Portland, Oreg.	Ballast	
Pennsylvania	22	22	Amer.	Weyerhaeuser S.S. Co.	Newark, N. J.	Seattle, Wash	General	1,634
Ohioan	22	22	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	S. Francisco, Cal.	General	2,646
Jutland	22	22	Brit	Seaboard Ship. Co	Barry, England	Brit. Columbia	Ballast	
Canadian Reefer [2]	22	22	Dan.	J. Lauritzen	Hamburg, Ger.	Seattle, Wash	Ballast	
John Cabot	19	22	Brit	Grace Line	Cristobal, C. Z	Champ'ico, Guat.	General	1,106
Petrolite [1] [2]	22	22	Brit	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	(18)	1,393
Nathan [2]	22		Pan	E. J. Hooper	Cristobal, C. Z	Gatun, C. Z.[13]		20
Santa Lucia	22	23	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	3,125
Stonepool	22	23	Brit	Canadian Transp. Co.	Baltimore, Md.	Brit. Columbia	Ballast	
Kinross [2]	22	23	Brit	Seaboard Ship. Co	London, England	Pac. coast, N.A.	Ballast	
Rimutaka	23	24	Brit	N. Z. Shipping Co	London, England	Wellington, N. Z.	General	5,259
Atlantic [1] [2]	23	25	Nor	Beacon Oil Co	Aruba, N. W. I.	Talara, Peru	(19)	10,588
Alkmaar	22	23	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,497
Hurunui	23	23	Brit	N. Z. Shipping Co	New York, N. Y.	Melbourne, Aust.	General	5,643
City of San Francisco.	24	24	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,654
Nurnberg [2]	22	24	Ger	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	5,502
Temple Yard	23	24	Brit	Seaboard Ship. Co	Grangem'th, Eng.	Vancouver, B. C.	Ballast	
Lillian Luckenbach.	24	24	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash	General	3,962
Maravi	23	24	Pan	United Fruit Co	Boston, Mass.	Puntarenas, C. R.	General	1,717
Sessa	24	24	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,815
Bethore	24	24	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Milwaukee [5]			Amer.	G. Andy	Cristobal, C. Z	Balboa, C. Z	Ballast	
No. 1 [5]			Amer.	U. S. Army	Cristobal, C. Z	Gatun, C. Z	Ballast	
Loriga [2]	24	25	Brit	Pacific Steam Nav.Co.	Hull, England	Valparaiso, Chile	Gen, coal	2,683
Tropic Star [2]	24	25	Nor	Chile Nit. Sales Corp.	Savannah, Ga	Chile	Ballast	
Absaroka	24	25	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash	General	2,240
Californian [2]	24	25	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash	General	3,580

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [10] Mine sweeper. [11] Mine planter. [13] For bananas and return to Cristobal. [14] Machinery, metals, gasoline. [15] General, sand, nitrate. [16] Steel, automobiles, general. [17] Scrap iron, steel. [18] Gasoline, kerosene. [19] Fuel and Diesel oil.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Tomislav	25	25	J-Slav.	Chile Nit. Sales Corp.	Flushing, Neth.	Iquique, Chile	Ballast	
Mobile City	25	25	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	Steel, gen.	4,840
Trondanger [2]	25	25	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Clio [2]	23	25	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	251
Oregonian	25	25	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	General	3,036
Nero [2]	24	25	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	270
San Marcos	25	26	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	3,047
Jantje Fritzen	25	26	Ger.	Comyn & Sons	Emden, Germany	Portland, Oreg.	Ballast	
Tudor Star	26	26	Brit.	Blue Star Line	Liverpool, Eng.	Vancouver, B. C.	Ballast	
Gregalia	26	26	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B. C.	General	546
F. J. Luckenbach	26	26	Amer.	Luckenbach Line	New Orleans, La.	Tacoma, Wash.	General	4,105
Polaris [6]	22	28	Amer.	Edward Lowe	New York, N. Y.	S. Francisco, Cal.	Ballast	
President de Vogue, [1] [2]	26	26	Nor.	Prod. Chimiques	Pt. de Bouc, Fr.	Talara, Peru	Ballast	
Amagisan Maru [2]	26	26	Jap.	Mitsui Bussan Kaisha	Baltimore, Md.	Osaka, Japan	Gas., steel	7,411
Dalblair	26	26	Brit.	SimpsonSpence, Young	Cardiff, Wales	S. Francisco, Cal.	Ballast	
Istmo	24	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	640
Bogota [2]	22	26	Ger.	North German Lloyd.	Pto. Colombia	Guayaquil, Ecua.	(15)	568
H. D. Collier [1]	26	27	Amer.	Standard Oil of Calif.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Amicus	26	26	Brit.	Chile Nit. Sales Corp.	Cardiff, Wales	Chile	Ballast	
Mansepool	26	27	Brit.	Seaboard Ship. Co.	Baltimore, Md.	Vancouver, B. C.	Ballast	
Honomu	26	27	Amer.	Matson Nav. Co.	Mobile, Ala.	Honolulu, T. H.	Tinplate, gen	3,772
Procyon [1] [2]	26	27	Swed.	Standard Oil of N. J.	London, England	Talara, Peru	Ballast	
Kimikawa Maru [2]	27	27	Jap.	Kawasaki K. Kaisha	New York, N. Y.	Yokohama, Japan	Copper, cot.	8,537
Svealand [2]	27	27	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Mathew Luckenbach	27	27	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	4,952
Demeterton	27	27	Brit.	Anglo-Can. S. S. Co.	Tyne, England	Vancouver, B. C.	Ballast	
Selvistan	27	27	Brit.	Hindustan S. S. Co.	Barry, England	West coast, N. A.	Ballast	
Zacapa	27	28	Amer.	United Fruit Co.	Baltimore, Md.	Pto. Arm'les, R. P.	Ballast	
King James [2]	27	27	Brit.	Anglo-Can. S. S. Co.	S. Shields, Eng.	Los Angeles, Cal.	Ballast	
Raby Castle [2]	25	27	Brit.	Barber S. S. Line	Boca Grande, Fla.	Yokohama, Japan	Phosphate	6,850
Hartington	27	27	Brit.	Harrison S. S. Co.	Newcastle, Eng.	Vancouver, B. C.	Ballast	
Alioth [2]	27	27	Neth.	Empire Ship. Co.	London, England	Vancouver, B. C.	Ballast	
Hardanger	26	27	Nor.	Westfal, Larsen & Co.	Rosario, Arg.	Vancouver, B. C.	Coffee, gen.	4,264
Munsterland [2]	27	27	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Yokohama, Japan	Cotton, oil	8,906
Alphard [2]	27	27	Neth.	Empire Ship. Co.	London, England	Vancouver, B. C.	Ballast	
Anhalt	27	28	Ger.	North German Lloyd.	New Orleans, La.	Auckland, N. Z.	General	8,151
Porto Bello [3]	27	27	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Florence C. Robinson. [13]	20	30	Amer.	Wm. Albert Robinson	Gloucester, Mass.	Papeete, Tahiti	Ballast	
Sea Deer [14]			Amer.	B. Patchett	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Salvador	20	28	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	552
Induna	27	28	Brit.	Canadian Transp. Co.	Barry, England	Brit. Columbia	Ballast	
Sangstad [2]	27	28	Nor.	Fern Line	Pt. Tampa, Fla.	Moji, Japan	Phos., cotton	7,126
Canadian Challenger.	27	28	Brit.	Mont.-Aust. N. Z. Line	Halifax, N. S.	Sydney, Aust.	(16)	3,281
Ontariolite [1] [2]	28	28	Brit.	Imperial Oil Co.	Halifax, N. S.	Antof'gasta, Chile	Fuel oil	11,978
Sanyo Maru [2]	28	28	Jap.	Osaka Syosen Kaisya.	Antwerp, Belgium	Dairen, China	(17)	8,033
Belita [1] [2]	28	28	Nor.	Sigurd Honningsvaag.	Bahia Blanca, Arg	Los Angeles, Cal.	Ballast	
Navarino	28	28	Brit.	Canadian Transp. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Gretaston	28	28	Brit.	S. S. Operating Co.	Newp't News, Va.	Yavaros, Mexico.	Ballast	
City of Manchester.	27	31	Brit.	Ellerman & Bucknall.	New York, N. Y.	Sydney, Aust'lia.	General	4,487
Kentuckian	28	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,277
Langleetarn	28	28	Brit.	Anglo-Can. S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Trois Ilets	27	28	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Schwaben	28	29	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	7,751
Nemea	28	29	Greek.	Mitsui Bussan Kaisha	New York, N. Y.	Kobe, Japan	Scrap iron	7,346
Pirre [2]	27		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	27		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	(18)	
Oscar Tybring [6]	20		Nor.	Robert Robertsen	Falmouth, Eng	U. S. Pacific	Ballast	
Sona [2]	27		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	27		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
La Union [2]	27		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Losmar	28	29	Amer.	Calmar Line	Philadelphia, Pa.	Seattle, Wash.	Steel, gen.	5,645
Nuevo Panama [2]	27	29	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	650
Bodo	28	29	Nor.	Erling Sannes	New York, N. Y.	Yokohama, Japan	Scrap iron	2,634
Puriri [2]	28	29	Brit.	AnchorShip. & Fdy. Co.	Leith, Scotland	Nelson, N. Z.	Basic slag	450
Ringwood [2]	28	29	Nor.	Dant & Russell	Rotterdam, Neth.	Coos Bay, Oreg.	Ballast	
City of Bedford	29	29	Brit.	Ellerman & Bucknall.	Baltimore, Md.	Dairen, China	Steel, gen.	5,578
Kano Maru [2]	29	29	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Japan	Cotton, cop'r	8,026
Haxby	29	29	Brit.	Norris Grain Co.	Barry, England	Columbia River	Ballast	
New Westminster City.	29	29	Brit.	Sir Reardon Smith	Norfolk, Va.	Osaka, Japan	(19)	8,776
Santa Barbara [2]	29	30	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	2,249
Sambu [2]	27	29	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	62

[1] Tanker. [2] Motor ship. [3] Motor schooner. [6] Yacht. [13] Auxiliary brigantine. [14] Sailboat. [15] Gasoline, kerosene, etc. [16] Automobiles, newsprint. [17] Automobile parts, general. [18] Towing yacht Oscar Tybring. [19] Scrap iron, copper.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
City of Norfolk	30	30	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	1,637
Harpoon	29	30	Amer.	Shepard S. S. Co.	Albany, N. Y.	Seattle, Wash.	General	3,764
Jane Christenson	30	30	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	2,514
Beatus	30	30	Brit.	Andrew Weir & Co.	Freeport, Tex.	Dunedin, N. Z.	Sulphur	5,500
Shenandoah [1]	30	30	Amer.	The Texas Co.	Pt. Arthur, Tex.	Los Angeles, Cal.	Lub. oil	9,268
Lewis Luckenbach	30	30	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	3,235
Copiapo [2]	29	30	Chile	Sud Amer. de Vapores	Nakskov, Den.	Valparaiso, Chile.	General	2,100
L. A. Christensen [2]	30	30	Nor.	Canadian-Gulf Line	Mobile, Ala	Yokohama, Japan	(14)	7,500
Winona	30	30	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Tacoma, Wash.	General	3,300
San Jose	30	31	Fr.	French Line	Antwerp, Belgium	Vancouver, B. C.	General	2,053
Herman Frasch	30	31	Amer.	Union Sulphur Co.	Galveston, Tex.	Bellingham, Wash	Sulphur	6,500
Fortuna [3]	31	31	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Washington Express. [2]	30	31	Nor	Fruit Express Line	Glasgow, Scotland	Seattle, Wash.	Ballast	.....
Heimvard [2]	31	31	Nor.	Mitsui Line	New York, N. Y.	Yawata, Japan	Scrap iron	8,017
Iowan	31	31	Amer.	Amer.-Hawaiian Line	N. London, Conn.	Seattle, Wash.	General	2,914
Segundo [2]	31	31	Nor.	S. Holter Sorensen	Philadelphia, Pa.	Japan	(15)	7,261
Ruahine	31	1	Brit.	N. Z. Shipping Co.	Middlesb'gh, Eng.	Auckland, N. Z.	Slag, steel	2,780
Virgilio [2]	31	1	Ital.	Soc. Italia	Genoa, Italy	Valparaiso, Chile.	General	703
Port Hunter	1	1	Brit.	Port Line, Ltd.	London, England	Wellington, N. Z.	General	7,808
Ainderby	1	1	Brit.	Ropner Ship. Co.	Cardiff, Wales	West coast, N. A.	Ballast	.....
Cerigo	22	1	Ger.	Hamburg-Amer. Line	Cristobal, C. Z.	Guayaquil, Ecua.	General	448
Kingswood	1	1	Brit.	Anglo-Can. S. S. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Ino [2]	31	1	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	421
Jeff Davis [2]	31	7	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Shanghai, China	Cement, gen.	4,430
Canal Trinidad	1	2	Chile	Chilean R. R. Co.	Copenhagen, Den	Valparaiso, Chile.	Ballast	.....
Sans Peur [6]	1	4	Brit.	Duke of Sutherland	Miami, Fla.	Galapagos Is.	Ballast	.....
San Demetrio [2]	1	2	Brit.	Eagle Oil & Ship. Co.	Greenock, Eng.	S. Francisco, Cal.	Ballast	.....
Loosdrecht [1 2]	1	2	Neth.	Wirtschaftliche Forschungs Gessell'aft.	Ellesmere Port, England.	Los Angeles, Cal.	Ballast	.....
O. A. Knudsen [1]	1	2	Nor.	Anglo-Saxon Pet. Co.	London, England	S. Francisco, Cal.	Ballast	.....
Sofie Bakke [2]	1	2	Nor.	Knut Knutsen, O.A.S.	Glasgow, Scotland	Vancouver, B. C.	Ballast	.....
Santos Maru [2]	2	3	Jap.	Osaka Syosen Kaisya	Montevideo, Uru.	Kobe, Japan	Bone, gen.	4,696
Hamakua	2	2	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H.	Gen., nitrate	3,571
Gullpool	2	2	Brit.	R. Ropner & Sons	Cardiff, Wales	U.S. Pac. ports	Ballast	.....
Fort Richepanse [2]	2	2	Fr.	French Line	Dieppe, France	Vancouver, B. C.	Ballast	.....
Viva	2	2	Nor.	Sorensen & Sonner	Texas City, Tex.	Osaka, Japan	Pig iron	6,368
Bonnington Court [2]	2	7	Brit.	Haldin & Philipps, Ltd.	Hull, England	Seattle, Wash.	Ballast	.....
Rhakotis [2]	1	2	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Valparaiso, Chile.	General	6,790
Hindpool	2	3	Brit.	R. Ropner & Sons	N. Shileds, Eng.	Portland, Oreg.	Ballast	.....
Dagfred [2]	2	3	Nor.	Continental Grain Co.	London, England	Portland, Oreg.	Ballast	.....
Elizabeth Bakke [2]	3	3	Nor.	Knut Knutsen, O.A.S.	Manchester, Eng.	Vancouver, B. C.	Ballast	.....
American Robin	3	3	Amer.	McCormick S. S. Co.	Philadelphia, Pa	Tacoma, Wash.	General	3,141
Henry D. Whiton	3	3	Amer.	Freeport Sulphur Co.	Pt. Sulphur, La.	Tacoma, Wash.	Sulphur	6,604
Metapan	3	4	Amer.	United Fruit Co.	Baltimore, Md.	Pto. Arm'les, R. P.	Ballast	.....
Marore	3	3	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Hulda Maersk [2]	3	3	Dan.	Maersk Line	Savannah, Ga	Iloilo, P. I.	General	5,977
Pereira	27	4	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,037
Australian Reefer [2]	3	4	Dan.	J. Lauritzen	Flushing, Neth.	Guayaquil, Ecua.	Ballast	.....
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	P. Miguel, C. Z.	Ballast	.....
Porto Bello [3]	3	3	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Laurits Swenson [2]	3	4	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	2,393
Istmo	2	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	965
Ingerseks	4	4	Nor.	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile.	Ballast	.....
Taranger [2]	4	4	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Athelempress [1 2]	4	4	Brit.	United Molasses Co.	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
Trevarrack	4	4	Brit.	Hain S. S. Co.	Cardiff, Wales	West coast, U.S.A	Ballast	.....
Nathan [2]	4	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]	.....	20
Real [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirre [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
St. Mihiel [8]	4	6	Amer.	U. S. Army	New York, N. Y.	S. Francisco, Cal.	Supplies	1,398
Snapper [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Michigan	3	5	Amer.	States S. S. Co.	Jacksonville, Fla.	Tacoma, Wash.	General	2,249
Lochkatrine [2]	4	5	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	1,104
Thistleglen	4	5	Brit.	Andrew Wier & Co.	Albany, N. Y.	Kobe, Japan	Scrap iron	7,572
Otterpool	4	5	Brit.	Pool Shipping Co.	S. Shields, Eng.	Portland, Oreg.	Ballast	.....
Kansan	5	5	Amer.	Amer.-Hawaiian Line	Baltimore, Md.	Seattle, Wash.	General	4,093
Dalhanna	5	5	Brit.	Anglo-Can. S. S. Co.	London, England	U.S. north Pac.	Ballast	.....
Kyusyu Maru [2]	5	5	Jap.	Osaka Syosen Kaisya	Boston, Mass.	Yokohama, Japan	Steel, gen.	5,727
Frankfurt	5	5	Ger.	North German Lloyd	New Orleans, La.	Brisbane, Aust.	General	7,200
Nuevo Panama [2]	3	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Naruto Maru [2]	5	5	Jap.	Nippon Yusen Kaisya	Boston, Mass.	Kobe, Japan	Gasol'e, gen.	8,280
Kent	5	5	Brit.	Fed. Steam Nav. Co.	Falmouth, Eng	Bluff, N. Z.	General	9,635

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [11] Mine planter. [13] For bananas and return to Cristobal. [14] Pig iron, steel billets. [15] Machinery, scrap steel.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Port Darwin	5	6	Brit.	Port Line	Liverpool, Eng.	Brisbane, Aust.	General	5,198
Lebore	5	5	Amer.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Anten	5	6	Swed.	Transatlantic S. S. Co.	Tyne, England	Los Angeles, Cal.	Ballast	
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Rip [5]			Pan.	George Price	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Night Wind [5]			Pan.	G. W. Harrington	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Elizabeth Kellogg [1]	5	6	Amer.	Kellogg S. S. Corp.	Humacao, P. R.	Stockton, Calif.	Molasses	7,232
S-44 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Cachalot [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Northleigh	5	6	Brit.	Anglo-Can. S. S. Co.	Hull, England	Pac. coast port	Ballast	
S-43 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-45 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tamaroa	6	7	Brit.	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	4,662
S-42 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-46 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Salamaua [2]	6	6	Brit.	Canadian Transp. Co.	London, England	Vancouver, B. C.	Cement, gen.	900
Seal [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Salmon [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Ruspool	5	6	Brit.	R. Ropner & Co.	Barry, England	U. S. west coast	Ballast	
Santa Inez [2]	5	7	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	1,725
Axel Johnson [2]	6	6	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., paper	3,861
Stentor [2]	6	6	Brit.	Blue Funnel Line	Liverpool, Eng.	Shanghai, China	General	3,902
Osnabruck [2]	5	6	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	5,726
Point Vincente	6	6	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	5,034
Mallard [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frank [3]	6		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
City of Baltimore	7	7	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	1,532
President Polk	7	7	Amer.	Amer. President Lines	New York, N. Y.	Round the world	Gen., autos.	7,490
Jhelum	6	7	Brit.	James Nourse, Ltd.	Liverpool, Eng.	Brit. Columbia	Ballast	
Pacific	6	7	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	1,701
Marna	6	7	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	2,130
Wisconsin	6	8	Fr.	French Line	Havre, France	Vancouver, B. C.	General	1,803
Sidney M. Hauptman.	7	7	Amer.	McCormick S. S. Co	Norfolk, Va.	Seattle, Wash.	General	2,036
Nero [2]	5	7	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	147
Dorothy Luckenbach.	7	7	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	2,834
Daylight [1] [2]	7	7	Amer.	Socony Vac. Oil Co.	Boston, Mass.	Los Angeles, Cal.	Ballast	
Pennsylvanian	7	8	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	1,551
Stjerneborg [2]	8	8	Dan.	C. K. Hansen	Boston, Mass.	Los Angeles, Cal.	Ballast	
Terukawa Maru [2]	8	8	Jap.	Kawasaki K. Kaisha	New Orleans, La.	Japan	(13)	6,388
Virginian	8	8	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,553
Preradovic	8	8	J-Slav.	Chile Nit. Sales Corp.	Vlaard'gen, Neth.	Chile	Ballast	
Clio [1] [2]	7	8	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	112
Alkaid [2]	8	8	Neth.	Anglo-Can. S. S. Co.	Hull, England	Vancouver, B. C.	Ballast	
Trois Ilets	4	8	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	138
Kenmar	8	8	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	General	5,219
Tweedbank [2]	8	8	Brit.	Bank Line, Ltd.	Savannah, Ga.	Los Angeles, Cal.	Ballast	
San Simeon	7	8	Amer.	Quaker S. S. Line	Philadelphia, Pa.	Tacoma, Wash.	General	2,684
Bodegraven	7	8	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Valparaiso, Chile.	General	2,675
Oropesa	7	8	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,940
S. C. T. Dodd [1]	8	9	Amer.	Standard Oil of Calif.	Norfolk, Va.	S. Francisco, Cal.	Ballast	
Kaikoura [2]	8	9	Brit.	Mont.-Aust. N. Z. Line	Halifax, N. S.	Adelaide, Aus'lia.	General	4,785
Lista	8	9	Nor.	J. L. Mowinckels Co.	Fowey, England	Powell Riv., B. C.	China clay	2,600
Bronnoy [2]	8	9	Nor.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Vancouver, B. C.	General	2,034
J. J. Coney [1]	8	9	Amer.	Helleone S. S. Co.	Texas City, Tex.	Los Angeles, Cal.	Ballast	
Celtic Star	9	9	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	
Yamaura Maru	9	9	Jap.	Yamashita K. Kaisha	Buenos Aires, Arg.	Yokohama, Japan	(14)	5,061
Cragpool	9	9	Brit.	R. Ropner & Co.	Norfolk, Va.	Portland, Oreg.	Ballast	
Sveadrott [1] [2]	9	10	Swed.	Stockhoms Red. Svea	Texas City, Tex.	Dairen, China	Kerosene	13,496
Isar	9	9	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	3,190
Marga	9	10	Nor.	N. Atl. & Gulf S. S. Co	Curacao, N. W. I.	Corinto, Nic.	Ballast	
Quito [2]	6	9	Ger.	North German Lloyd.	Cristobal, C. Z.	Talara, Peru	General	621
Commissaire Ramel.	9	10	Fr.	Messageries Marit'es	Marseille, Fr.	Noumea, N. Caled	General	3,290
Acajutla	3	10	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	500
Nyborn [2]	9	10	Nor.	Knutsen Line	Cardiff, Wales	Vancouver, B. C.	Ballast	
Malaya [2]	9	10	Dan.	East Asiatic Co.	N. Shields, Eng.	Los Angeles, Cal.	Ballast	
Steel Age	9	10	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	(15)	7,591
Tai Ping [2]	9	10	Nor.	Barber Line	New York, N. Y.	Manila, P. I.	General	6,884
Moveria [2]	10	10	Brit.	Donaldson Brothers	Glasgow, Scot.	Vancouver, B. C.	General	889
Mount Olympus	10	10	Greek.	Iwai & Co.	New York, N. Y.	Yokohama, Japan	Scrap iron	9,257
Domby	9	10	Brit.	Ropner Shipping Co.	Tyne, England	Portland, Oreg.	Ballast	
Mim [2]	10	10	Nor.	Yngvar Hvistendahl.	Mobile, Ala.	Yokohama, Japan	(16)	8,007
Anglo Saxon	10	10	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	
Katrina Luckenbach.	10	10	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	6,168
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Porto Bello [3]	10	10	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [10] Mine sweeper. [13] Gasoline, crude oil. [14] Gasoline, cotton, etc. [15] Automobiles, steel, general. [16] Scrap iron, coke.

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
President Herrenschmidt.[1] [2]	10	11	Nor...	Socommar, Paris.....	Talara, Peru....	Antwerp, Belgium	Crude oil...	13,081
Minnesotan.....	10	11	Amer.	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	General.....	5,054
Portmar.....	10	11	Amer..	Calmar Line.....	Los Angeles, Cal.	Baltimore, Md...	Lumber....	7,640
Ino [2].....	11	12	Neth..	Royal Neth. S. S. Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	404
Istmo.....	11	12	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	745
Hagen.....	12	12	Ger...	Hamburg-Amer. Line.	SanAntonio, Chile	Hamburg, Ger...	General....	8,071
San Vincente	11	11	Amer .	Pacific-Atl. S. S. Co..	Portland, Oreg ..	Philadelphia, Pa.	(15)	7,781
Dalcross	11	12	Brit ..	United St'm Nav. Co.	Makatea, S. Pac.	Landskrona, Swed	Phosphate..	7,870
W. H. Berg [1]....	12	12	Amer..	Standard Oil of Calif.	S. Francisco, Cal.	Hamburg, Ger...	Gasoline...	10,692
Ophelie [1].....	12	12	Fr....	Cie Auxiliaire de Nav.	Lobitos, Peru....	Donges, France..	Crude oil...	8,329
Aymeric.....	11	13	Brit...	Brit. Phosphate Com.	Ocean Island, ...	Gaddviken, Swed	Phosphate..	7,450
Camden [1].....	11	22	Amer..	Shell Oil Co.....	Los Angeles, Cal.	Sewaren, N. J...	Gasoline....	8,890
City of Norfolk...	12	13	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	(16)	4,032
Santa Barbara [2]..	13	13	Amer..	Grace Line.....	SanAntonio, Chile	New York, N. Y.	Coffee, gen..	5,271
Damsterdijk [2]...	12	14	Neth..	N. Pacific Coast Line.	Vancouver, B. C.	Rotterdam, Neth.	General.....	9,616
Fortuna [2].....	13	14	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas...	62
Eridan [2].....	13	13	Fr....	Messageries Marit'es.	Noumea, N.Caled	Marseille, Fr ...	Copra, gen..	4,717
Margrethe Bakke[2]	13	13	Nor...	Knutsen Line.....	Vancouver, B. C.	Belfast, Ireland..	General.....	7,249
China Arrow [1]...	13	13	Amer..	Socony-Vac. Oil Co..	Los Angeles, Cal.	Providence, R. I.	Gasoline....	11,561
Baron Renfrew...	13	13	Brit...	H. Hogarth & Sons...	Suva, Fiji Is....	United Kingdom.	Sugar.....	6,700
Winkleigh.....	13	13	Brit...	Seaboard Ship. Co...	Pt. Alberni, B. C.	Manchester, Eng.	Lum., wheat.	8,500
Sambu [2].....	13	14	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	41
Real [2].....	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P ...	Cristobal, C. Z..	Bananas....	41
Sona [2].....	13	14	Pan...	Elliot Ship. & Land Co.	Darien, R. P ...	Cristobal, C. Z..	Bananas....	30
Pirre [2].....	13	14	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	36
Tuira [2].....	12	14	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	50
La Union [2].....	13	14	Pan...	A. A. Valdes.....	Bayano, R. P...	Cristobal, C. Z..	Bananas....	27
Mokihana.....	13	14	Amer..	Matson Nav. Co.....	Kaanapali, T. H.	New Orleans, La.	(17)	3,563
Alabaman.....	14	14	Amer..	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass...	Lumber, gen.	6,386
Valparaiso [2].....	14	14	Swed..	Johnson Line.....	Valparaiso, Chile.	Stockhom, Swed.	(18)	6,162
Nurtureton.....	14	15	Brit...	Canada Shipping Co..	Vancouver, B. C.	London, England	Wheat, oats.	9,590
El Oso [1].....	14	15	Brit...	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng..	Oil, grade C.	9,874
Nitro.....	14	16	Amer..	U. S. Navy.....	San Diego, Cal..	Norfolk, Va. ...	General.....	637
West Ivis.....	14	17	Amer..	McCormick S. S. Co..	Vancouver, B. C.	BuenosAires, Arg.	Lumber, gen.	6,482
Firmore.....	14	15	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	11,500
Washington.....	15	15	Amer..	Weyerhaeuser S. S. Co.	Portland, Oreg...	Norfolk, Va.....	(19)	8,152
John Cabot.....	15	16	Brit...	Grace Line.....	Champ'ico, Guat.	Cristobal, C. Z..	General.....	362
Bogota [2].....	15	17	Ger...	North German Lloyd.	Guayaquil, Ecua.	Pto. Colombia...	Coffee, wood	1,112
Marore.....	16	16	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,800
Reina del Pacifico [2]	15	16	Brit...	Pacific Steam Nav. Co.	Talcahuano, Chile	Liverpool, Eng..	Copper, gen.	4,581
Lady Glanely [2]..	15	16	Brit...	Seaboard Ship. Co...	Vancouver, B. C.	London, England	Grain, lum..	9,632
Bahrein [1].....	16	16	Pan ..	Standard Oil of Calif.	S. Francisco, Cal.	Havre, France...	Gasoline....	8,544
Recina.....	16	16	J-Slav.	Continental Grain Co.	Portland, Oreg...	Cobh, Ireland [14].	Wheat.....	7,954
Yamakaze Maru [2]	16	17	Jap...	Yamashita K. Kaisha	Tsingtao, China.	Buenos Aires, Arg.	Oils, general.	2,494
K. I. Luckenbach.	16	16	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	Lumber, gen.	8,397
Steel Inventor....	16	16	Amer..	Isthmian S. S. Lines..	Vancouver, B. C.	Avonmouth, Eng.	(20)	7,835
Ino [2].....	16	18	Neth..	Royal Neth. S. S. Co.	B'ventura, Col...	Cristobal, C. Z..	Hides, coffee	563
Seal [7].....	16	..	Amer..	U. S. Navy.....	High seas.. ...	Coco Solo, C. Z..	.....	.....
Goodleigh.....	16	16	Brit...	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	(21)	9,300
Cachalot [7].....	17	...	Amer..	U. S. Navy.....	Balboa, C. Z ...	Cristobal, C. Z..	.....	.....
Salmon [7].....	17	..	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Breda.....	16	17	Neth..	Royal Neth. S. S. Co.	Corral, Chile....	Hamburg, Ger...	General.....	8,421
Metapan.....	17	17	Amer..	United Fruit Co.....	Pto. Arm'les, R. P.	Baltimore, Md...	Bananas....	1,354
Charles Christenson.	17	17	Amer..	Arrow Line.....	Longview, Wash.	New York, N. Y.	Lum., paper.	6,810
Knute Nelson [2]...	17	18	Nor...	Fred Olsen & Co....	Vancouver, B. C.	Oslo, Norway....	General.....	7,852
Porto Bello [2].....	17	17	Pan...	A. Tagaropulos.....	Darien, R. P....	Colon, R. P.....	(22)	7
Point Ancha.....	17	18	Amer..	Swayne & Hoyt.....	Seattle, Wash...	New Orleans, La.	General.....	6,255
Istmo	17	19	Pan ..	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z..	Coffee, gen..	749
Trois Ilets	17	21	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee, wax..	321
Johilla.....	18	18	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Sharpness, Eng..	(23)	6,669
Montanan.....	18	18	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass....	General.....	5,210
Ardangorm.....	18	18	Brit...	Canada Ship. Co.....	Vancouver, B. C.	Hull, England...	Wheat.....	7,700
Nero [2].....	18	19	Neth..	Royal Neth. S. S. Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee, hides	557
Hawnby.....	18	19	Brit...	Seaboard Ship. Co...	Pt. Alberni, B.C.	New York, N. Y.	(24)	8,059
Moldanger [2].....	18	19	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Havre, France...	Grain, gen..	8,400
Lebore.....	19	19	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,300
San Antonio.....	18	21	Fr....	French Line.....	Vancouver, B. C.	Havre, France...	Wheat, lum.	6,737
San Bernardino. .	18	19	Amer..	States S. S. Co.....	Astoria, Oreg....	Philadelphia, Pa.	Lumber, gen.	6,570
Wildwood.....	19	19	Amer..	Puget Sd. Asso. Mills.	Pt. Angeles, Wash.	New York, N. Y.	Lumber...	7,000
Lowther Castle...	19	19	Brit...	Anglo-Can. S. S. Co..	Comox, B. C....	London-Antwerp.	Lumber, gen.	8,550
John Cabot [13]...	16	22	Brit...	Grace Line.....	Balboa, C. Z ...	Cristobal, C. Z..	Ballast.....	.....
City of Baltimore.	19	20	Amer..	Panama-Pacific Line..	S. Francisco, Cal.	New York, N. Y.	General.....	4,635
Santa Inez [2].....	19	20	Amer..	Grace Line.....	Chanaral, Chile..	New York, N. Y.	General.....	3,767
Mayari.....	19	21	Pan...	United Fruit Co	Puntarenas, C.R.	Jacksonville, Fla	Ballast.....	.....

[1] Tanker. [2] Motor ship. [7] Submarine. [13] Free of tolls. [14] For orders. [15] Lumber, pulp, general. [16] Canned fruits, general. [17] Canned pineapples, general. [18] Copper, cotton, nitrate. [19] Lumber, oil, general. [20] Wheat, lumber, canned goods. [21] Lumber, metal, grain. [22] Lumber, plantains. [23] Lumber, wheat, general. [24] Wood pulp, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Nuevo Panama [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	84
Herman F. Whiton	19	20	Amer.	Dutton Lumber Corp.	Everett, Wash.	Providence, R. I.	Lumber	7,100
San Cirilo [1] [2]	20	20	Brit.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	Lizard, Eng. [13]	Gasoline	11,393
Pacific President [2]	20	20	Brit.	Furness, Withy & Co.	Vancouver, B. C.	London, England	General	7,662
Ojeda [1]	19	20	Venez.	Curacaosche Scheepvart Mij.	Balboa, C. Z	Maracaibo, Ven.	Ballast	.....
Salvador	20	28	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	714
Chilean Reefer [2]	20	20	Dan.	J. Lauritzen	Vancouver, B. C.	Haifa, Palestine	Fruit, gen.	1,724
Tuira [2]	20	21	Pan.	Jose Laffargue	Darien, R. P.	Cristobal, C. Z.	Bananas	52
Sambu [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Real [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	38
Sona [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P	Cristobal, C. Z.	Bananas	29
Carolinian	20	21	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,536
Mostun [2]	20	21	Nor.	Neptune Ship. Co.	Portland, Oreg.	London, England	Fruit	1,350
Mallard [4]	21	...	Amer.	U. S. Navy	Balboa, C. Z	Cristobal, C. Z.	.....	.....
Rossington Court	21	21	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	London, England	(14)	10,000
Rotorua	21	22	Brit.	N. Z. Shipping Co.	Lyttleton, N. Z.	Glasgow, Scotland	Frozen, gen.	7,619
Nordanger [1] [2]	20	21	Nor	Shell Oil Co	Los Angeles, Cal.	Curacao, N. W. I.	Pet. distillate	13,345
Frida	21	21	Dan.	Wessel, Duval & Co.	Valparaiso, Chile.	New York, N. Y.	Nit., coffee	2,625
Oabasan Maru [2]	21	21	Jap.	Mitsui Bussan Kaisha	Manila, P. I.	New York, N. Y.	General	6,288
Arawa	21	22	Brit.	Shaw, Savill & Albion	Napier, N. Z.	S'ampton, Eng.	Frozen, gen.	5,374
Charles Racine [1] [2]	20	22	Nor.	Whaling Co., Kosmos	Tocopilla, Chile.	Mereaux, U. S. A.	Ballast	.....
Itauri	21	22	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	8,187
Anglo Indian	21	22	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lum., wheat	9,052
Steel Voyager	21	22	Amer.	Isthmian S. S. Lines.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	8,621
Kiyokawa Maru [2]	21	23	Jap.	Kawasaki K. Kaisha.	Skisin, Korea.	New York, N. Y.	Silk, gen.	3,888
Walter A. Luckenbach.	22	22	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,041
Gracia	22	22	Brit.	Donaldson Line	Vancouver, B. C.	London, England	Fruit, gen.	6,212
Cerigo	22	1	Ger.	Hamburg-Amer. Line.	Pisco, Peru	Cristobal, C. Z.	Coffee, gen.	1,187
Clio [2]	22	25	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(15)	447
San Pedro	22	24	Fr.	French Line	Valparaiso, Chile.	Havre, France	General	8,319
Umberleigh	22	23	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	London, England	Wheat, lum.	8,600
Iddesleigh	23	23	Brit.	Seaboard S. S. Co.	Pt. Alberni, B. C.	London, England	Lum., wheat	9,170
Kaimata [2]	23	25	Brit.	M. A. N. Z. Line	Lyttleton, N. Z.	Halifax, N. S.	General	2,110
Nero [2]	23	25	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides	376
Asaka Maru [2]	23	24	Jap.	Nippon Yusen Kaisha	Yokobama, Japan	Hamburg, Ger.	(16)	6,396
Edgar F. Luckenbach.	24	24	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Tampa, Fla	Lumber, gen.	5,500
Jonic Star	23	24	Brit.	Blue Star Line	N. Westm'er, B. C.	Newcastle, Eng.	Frozen, gen.	3,399
Turrialba	24	24	Amer.	United Fruit Co.	Pto. Arm'les, R. P.	Baltimore, Md.	Bananas	1,284
Ima [1] [2]	24	24	Nor.	Universal Oil of Lond.	Los Angeles, Cal.	United Kingdom.	Gas, fuel oil	9,686
S. C. T. Dodd [1]	23	24	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	New York, N. Y.	Fuel oil	9,249
Narenta	23	25	Brit.	Royal Mail Lines	N. Westm'er, B. C.	Rotterdam, Netb.	(17)	5,502
Coloradan	24	24	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	8,605
Istmo	24	26	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	751
Victory [2]	24	24	Pan.	A. Tagaropulos	Darien, R. P	Colon, R. P.	Plantains	6
Orazio [2]	24	26	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	1,676
Oakland [2]	24	26	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,958
Oregon Express [2]	24	25	Nor.	Fruit Express Line	N. Westm'er, B. C.	Glasgow, Scot.	Fresh fruit	1,950
Embassage	24	25	Brit	Anglo-Can. S. S. Co.	Victoria, B. C.	Antwerp, Belgium	Lumber, con.	8,500
Emergency Aid	24	25	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,941
Hegira	25	25	Amer.	Weyerhaeuser S. S. Co	Everett, Wash.	Norfolk, Va.	Lumber, gen.	8,654
Borgestad [2]	25	25	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Hull, England	(18)	6,380
Edda	25	25	Ital.	Nordeutscher Lloyd.	Portland, Oreg.	Havre, France	(19)	4,165
Roda [2]	25	26	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	7,200
Silverpalm [2]	25	27	Brit.	S. & J. Thompson & Co.	Vancouver, B. C.	South Africa	General	7,564
Blythmoor	25	26	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	Avonmouth, Eng.	Lum., grain	9,500
Tai Ping Yang [2]	25	27	Nor.	Barber Line	Dahikan, P. I.	New York, N. Y.	General	7,460
Eugenie S. Embiricos.	26	27	Greek.	Anglo-Can. S. S. Co.	Victoria, B. C.	Hull, England	Lum., grain	7,965
Allister	26	27	Brit.	Texas Oil Co	Puntarenas, C. R.	Pt. Arthur, Tex.	Ballast	.....
Steelore	27	27	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
City of Newport News.	26	27	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	4,923
Trois Ilets	26	28	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	349
Nuevo Panama [2]	27	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	84
Nordstjernan [2]	26	28	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	6,039
Pereira	27	3	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	610
Sambu [2]	27	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	49
Real [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Sona [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Tuira [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	61
Pirre [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
La Union [2]	27	28	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	26
San Mateo	27	29	Fr.	French Line	Vancouver, B. C.	Havre, France	Lead, gen.	6,954
San Clemente	27	28	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	5,774
W. S. Rheem [1]	27	28	Amer.	Foreign Tankship Corp	El Segundo, Cal.	Hamburg, Ger.	Diesel oil	13,552

[1] Tanker. [2] Motor ship. [4] Tug. [13] For orders. [14] Wheat, lumber, fish meal. [15] Coffee, tagua, balsa. [16] Canned goods, general. [17] Fruit, metal, general. [18] Wheat, lead, general. [19] Fruit, lumber, logs.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Lerwick	27	28	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	New Orleans, La.	Sodic nitrate	8,875
Boskoop	27	29	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,040
Santa Clara	28	28	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	5,561
Aachen	28	29	Ger.	North German Lloyd.	Valparaiso, Chile.	Hamburg, Ger.	General	7,794
Lochgoil [2]	28	29	Brit.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	Frozen, gen.	9,936
Charles F. Meyer [1]	[2]28	28	Brit.	Shell Oil Co.	Los Angeles, Cal.	Rotterdam, Neth.	Fuel oil	14,311
Flomar	28	28	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lumber	7,739
K. R. Kingsbury [1]	28	28	Amer.	Shell Oil Co.	Los Angeles, Cal.	Fall River, Mass.	Fuel oil	10,962
Patria	28	29	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	5,071
Woodcock [5]	28	29	Amer.	Capt. P. E. Howard.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
El Mirlo [1]	28	29	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru	Ellesmere, Eng.	(14)	11,424
Sage Brush	29	29	Amer.	Shepard S. S. Co.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	7,906
Ward [2]	29	29	Amer.	Amer. Pioneer Line	Whyalla, Wash.	Baltimore, Md.	General	6,298
Heranger [2]	29	30	Nor.	Interocean S. S. Co.	Vancouver, B. C.	London, England	Grain, gen.	7,507
Edward Luckenbach.	29	29	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,272
Milwaukee [5]	29	...	Amer.	G. Andy	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Emma Bakke [2]	29	30	Nor.	Knutsen Line	Valparaiso, Chile.	Stockholm, Swed.	General	7,182
Svithiod [1] [2]	29	30	Pan.	Stand. Franc. des Pet.	Los Angeles, Cal.	Sete, France	Av. gasoline.	8,530
George M. Embiricos.	29	30	Greek.	S. G. Embiricos	Vancouver, B. C.	London, England	Wheat, lum.	9,200
Santore	30	30	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,300
Cellina [2]	30	31	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	(15)	7,355
Porto Bello [2]	30	30	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Plantains	7
Amerikaland [2]	30	31	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Dusseldorf [2]	30	31	Ger.	North German Lloyd.	Talcahuano,Chile	Hamburg, Ger.	General	6,093
Zacapa	31	31	Amer.	United Fruit Co.	Pto. Arm'les, R. P.	Charleston, S. C.	Bananas	1,121
Ino [2]	31	1	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(16)	558
Aldington Court [2]	31	31	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,290
Tokai Maru [2]	31	1	Jap.	Osaka Syosen Kaisya	Dairen, China	Hamburg, Ger.	General	5,352
Kongo Maru [2]	31	1	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	(17)	9,360
Anubis [2]	31	2	Ger.	Hamburg-Amer. Line.	Cebu, P. I.	New Orleans, La.	(18)	5,538
Chickasaw City	31	1	Amer.	Isthmian S. S. Lines.	Pt.Angeles,Wash.	Baltimore, Md.	(19)	7,299
Eastern Guide	1	1	Amer.	Prudential S. S. Co.	Portland, Oreg.	New York, N. Y.	Lumber	5,225
Texan	1	1	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,875
Fordsdale	1	2	Brit.	Shaw, Savill & Albion	Nelson, N. Z.	Newcastle, Eng.	Frozen, gen.	7,100
Kim [2]	1	2	Rus.	Soviet Government	Vladivost'k, Rus.	Boston, Mass.	Crab meat	2,258
San Angelo	1	2	Amer.	Quaker Line	Los Angeles, Cal.	Everglades, Fla.	Lumber, gen.	6,075
Nebraskan	1	2	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,210
Glittre [1] [2]	2	2	Nor.	Standard Oil of N. J.	Talara, Peru	Antwerp,Belgium	Crude oil	8,877
Honolulan	2	2	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	6,324
Alamar	2	2	Amer.	Calmar S. S. Corp.	Los Angeles, Cal.	Baltimore, Md.	Lumber	8,068
Istmo	2	4	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	732
Ferndale [2]	2	2	Nor.	Fearnley & Eger	Dairen, China	Hamburg, Ger.	Soy beans	7,200
Losada [2]	2	3	Brit.	Pacific Steam Nav.Co.	Valparaiso, Chile.	Hull, England	(20)	8,454
Sire	2	2	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N.C.	Nit. of soda.	8,950
Nicolaou Zagrafia	2	2	Greek.	Seaboard Ship. Co.	Vancouver, B. C.	London, England	Wheat, lum.	11,191
Chilore	3	3	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Pacific Exporter [2]	2	3	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	9,025
British Columbia Express. [2]	2	3	Nor.	Fruit Express Line	Seattle, Wash.	Glasgow, Scot.	Fresh fruit	2,421
Durazzo	3	7	Ger.	Hapag Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	897
Larchbank [2]	2	3	Brit.	Burns Philips S. Sea Co.	Paagoumene, N.C	Dunkerque, Fr.	(21)	8,424
Nuevo Panama [2]	3	4	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	213
Point Chico	3	3	Amer.	Gulf-Pacific Line	N. West'er, B. C.	Panama City, Fla.	General	5,950
Achelles [12]	31	3	Brit.	British Government	Auckland, N. Z.	Portsmouth, Eng.	.....	.....
Fresno Star	3	3	Brit.	Blue Star Line	N. West'er, B. C.	Newcastle, Eng.	Frozen, gen.	6,435
Lt. Col. H. C. Schumm. [4]	3	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Real [2]	2	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Sambu [2]	3	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	51
Tuira [2]	3	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Pirre [2]	3	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Sona [2]	3	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Fortuna [2]	3	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	67
Acajutla	3	10	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	807
Primero [2]	3	3	Nor.	Continental Grain Co.	Portland, Oreg.	Cobh, Ireland [13]	Wheat	7,256
President de Vogue. [1] [2]	3	3	Nor.	Raffineries de Berre	Talara, Peru	Pt. de Bouce, Fr.	Crude oil	13,686
Rangitata [2]	3	3	Brit.	N. Z. Shipping Co	Auckland, N. Z.	London, England	Frozen, gen.	6,877
Santa Maria [2]	3	4	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	4,463
Anna Maersk [2]	3	5	Dan.	A. P. Moller	Manila, P. I.	Baltimore, Md.	Wood oil, gen.	7,036
Yearby	3	4	Brit.	Ropner Shipping Co.	Vancouver, B. C.	London, England	Lum., wheat.	9,500
Trois Ilets	3	8	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	290
Laila	3	4	Dan.	Wessel, Duval & Co.	SanAntonio,Chile	New York, N. Y.	(22)	2,656
Dakotan	4	4	Amer.	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass.	General	5,329

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [12] Cruiser. [13] For orders. [14] Fuel oil, casinghead gasoline. [15] Wheat, lumber, fruits. [16] Coffee, ivory nuts, cacao. [17] Coconut oil, general. [18] Copra, hemp, rope, general. [19] Lumber, pulp, general. [20] Copper, cotton, sugar, tin. [21] Copra, chrome ore. [22] Nitrate, copper, quillay.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Nagara Maru [2]	4	4	Jap.	Nippon Yusen Kaisha	Hongkong, China	New York, N. Y.	[14]	3,870
Heffron	4	4	Amer.	Weyerhaeuser S.S. Co.	Seattle, Wash.	Newark, N. J.	Lumber, gen.	9,731
Fort Royal [2]	4	4	Fr.	Armements Maritimes	Seattle, Wash.	Havre, France	[15]	1,664
Grayburn	4	5	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Mobile, Ala.	Nitrate	11,900
Trojan Star	4	5	Brit.	Blue Star Line	Napier, N. Z.	London, England	Frozen, gen.	6,719
Nero [2]	4	7	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides	556
Mosfruit [2]	5	5	Nor.	M. Mosvold Farsund	Seattle, Wash.	Rotterdam, Neth.	Fresh fruit	1,803
Hollywood	5	5	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	6,910
Monkleigh	5	8	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	[16]	9,175
Karmt [2]	5	5	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	New Orleans, La.	Nitrate	8,883
Ewa	5	6	Amer.	Matson Nav. Co.	Honolulu, T. H.	Baltimore, Md.	Canned pines	8,441
Oakmar	5	6	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lum., copper	6,668
Eleni	5	6	Greek.	Canadian Transp. Co.	Oreg.&Br.Colum.	Hull, England	Wheat, lum.	8,400
Quito [2]	6	9	Ger.	North German Lloyd.	Callao, Peru	Cristobal, C. Z.	[17]	637
Julia Luckenbach.	6	6	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	[18]	8,464
Axios	6	6	Greek.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [13]	Nitrate	7,800
Tuyama Maru	6	7	Jap.	Nippon Yusen Kaisha	Manila, P. I.	New Orleans, La.	Sugar, gen.	6,418
Erria [2]	6	7	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	[19]	6,662
Aconcagua [2]	7	7	Chile.	Chilean S. S. Co.	Valparaiso, Chile	Hamburg, Ger.	General	5,077
Clio [2]	6	8	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	[20]	410
Metapan	7	7	Amer.	United Fruit Co.	Pto. Arm'les, R. P.	Baltimore, Md.	Bananas	1,338
Arimasan Maru [2]	7	7	Jap.	Mitsui Senpakubu	Cebu, P. I.	Baltimore, Md.	General	7,794
Porto Bello [2]	7	7	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	[21]	8
Maravi	7	8	Pan.	United Fruit Co.	Pto. Arm'les, R. P.	Boston, Mass.	Ballast	.....
Deroche [1]	8	9	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J.	[22]	9,629
Donau	8	9	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	9,700
Port Halifax [2]	8	9	Brit.	Mont.-Aust.-N.Z.Line	Adelaide, Aust.	Halifax, N. S.	General	7,150
Chulmleigh	8	8	Brit.	Dulverton S. S. Co.	Pt. Alberni, B. C.	London, England	Lum., grain	9,600
Caduceus	8	8	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nit. of soda	8,000
Tordene	8	8	Brit.	Stoddart & Claxton	Vancouver, B. C.	Cobh, Ireland [13]	Wheat	7,150
Corrientes	8	8	Brit.	Donaldson Bros.	Vancouver, B. C.	Glasgow, Scot.	Fruit, gen.	6,152
Rockpool	8	8	Brit.	Empire Shipping Co.	Vancouver, B. C.	Hull, England	Wheat	8,000
Zjawa [5]	8	...	Amer.	Tucker McClure	Ped. Miguel, C. Z.	Cristobal, C. Z.	Ballast	.....
Florence Luckenbach.	8	9	Amer.	Luckenbach Line	Everett, Wash.	Mobile, Ala.	Gen., shingles	5,522
San Cipriano [1] [2]	9	9	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End [13]	Av. gasoline	11,444
Minerva [2]	9	9	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	New Orleans, La.	Nit. of soda	9,440
Liberty Glo	9	9	Amer.	Amer.-Foreign S.S. Co.	Olympia, Wash.	New York, N. Y.	Lumber	7,200
Istmo	9	11	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	744
Antietam [1]	8	9	Amer.	Shell Oil Co.	Los Angeles, Cal.	Bayonne, N. J.	Fuel oil	10,339
Magister	9	9	Brit.	J. S. Webster & Sons.	Vancouver, B. C.	Kingston, Jam.	Lumber, gen.	3,125
Arkansan	9	9	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,312
City of Los Angeles.	9	10	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	7,129
Nuevo Panama [2]	9	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	90
La Union [2]	10	11	Pan.	A. A. Valdes	Darien, R. P.	Cristobal, C. Z.	Bananas	23
Pirre [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Sona [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	32
Sambu [2]	10	12	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	47
Tuira [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	42
Real [2]	10	11	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Delftdijk [2]	9	11	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	[23]	10,485
D. G. Scofield [1]	9	10	Amer.	Shell Union Oil Corp.	Los Angeles, Cal.	Fall River, Mass.	Fuel oil	10,964
Saarland	9	11	Ger.	Haburg-Amer. Line	Corral, Chile	Hamburg, Ger.	General	7,868
Lancaster Castle	10	11	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Garston, Eng.	[24]	8,450
Duala [2]	10	10	Nor.	East Asiatic Co.	Seattle, Wash.	Goth'burg, Swed.	[25]	1,127
Hellen	10	10	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Jacksonville, Fla.	Potash nit.	7,636
John Cabot	10	16	Brit.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	698
Deerpool	10	10	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Cobh, Ireland [13]	Wheat	8,570
African Reefer [2]	10	10	Dan.	J. Lauritzen	Vancouver, B. C.	Haifa, Palestine	Fruit, gen.	1,740

[1] Tanker. [2] Motor ship. [5] Launch. [13] For orders. [14] Perilla oil, sardine meal. [15] Fresh pears and apples. [16] Wheat, barley, lumber. [17] Cacao, coffee, nuts, wood. [18] Lumber, paper pulp. [19] Zinc, lead, fresh fruit. [20] Coffee, tagua, balsa. [21] Plantains, lumber. [22] Diesel oil, solvent. [23] Wheat, fruit, general. [24] Oats, wheat, lumber. [25] Fresh apples, pears.

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft. Average.	Maximum.	Minimum.	Rainy season. Average temperature. Degrees F.
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Comparison of Traffic at the Suez and Panama Canals for the First Eleven Months of the Calendar Years 1937 and 1938

The following is a comparison of traffic at the Suez and Panama canals for the first 11 months of the calendar years 1937 and 1938:

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1937	1938	Increase	Decrease	1936	1937	Increase	Decrease
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
March	580	578	.....	0.4	536	506	.....	5.6
April	621	516	.....	16.9	473	487	3.0	.....
May	567	479	.....	15.5	544	465	.....	14.5
June	540	469	.....	13.1	472	445	.....	5.7
July	551	509	.....	7.6	457	429	.....	6.1
August	531	522	.....	1.7	505	468	.....	7.3
September	522	508	.....	2.7	444	438	.....	0.9
October	557	540	.....	3.1	461	494	7.2	.....
November	526	495	.....	5.9	435	505	16.1	.....
Total	6,094	5,668	.....	7.0	5,103	5,117	0.3	.....

Traffic Through the Panama Canal During the Calendar Year 1938, by Nationality

Nationality	No. of ships	Tonnage			Tolls	Tons of cargo
		Panama Canal net	Registered gross	Registered net		
British	1,398	7,384,076	9,090,975	5,512,305	$6,330,033.69	6,380,820
Chilean	16	67,026	95,542	57,718	59,318.02	30,974
Cuban	2	.....	.....	.....	1,200.00	.....
Danish	211	779,770	883,562	531,686	662,807.72	720,156
Finnish	1	3,554	4,746	2,889	3,198.60	4,021
French	107	544,722	719,156	396,580	478,496.25	518,017
German	352	1,388,676	1,724,252	1,012,606	1,230,148.95	1,383,248
Greek	90	408,755	478,817	291,394	342,064.46	477,121
Honduran	28	46,122	75,693	44,563	39,056.62	12,610
Italian	56	329,650	453,424	271,481	285,629.21	178,513
Japanese	282	1,644,615	2,115,640	1,306,875	1,466,711.38	1,734,465
Latvian	4	10,890	12,816	7,500	8,820.90	9,770
Netherland	314	806,349	921,304	545,822	690,988.01	681,099
Norwegian	712	3,225,100	3,779,229	2,255,860	2,689,629.79	3,384,336
Panamanian	181	337,004	466,788	270,561	280,944.48	329,489
Peruvian	7	12,658	18,570	11,089	12,001.10	9,089
Philippine Islands	5	27,700	31,887	19,408	22,578.30	22,369
Soviet	7	12,235	18,153	10,889	12,903.35	15,876
Swedish	139	650,248	1,089,041	569,956	543,932.19	896,691
United States	1,686	8,398,176	10,763,176	6,494,803	7,355,301.09	9,324,640
Venezuelan	4	6,936	11,260	6,288	5,618.16	4,318
Yugoslav	24	106,133	128,843	79,545	87,172.98	109,646
Calendar year 1938	5,626	26,190,395	32,882,874	19,699,818	22,608,555.25	26,227,268
Calendar year 1937	5,542	28,559,935	33,648,455	19,976,940	23,950,072.95	29,298,766
Calendar year 1936	5,487	27,999,836	33,157,542	19,655,543	23,531,581.92	27,369,615

NOTE.—The above statement includes only ocean-going commercial traffic of 300 net tons or over, Panama Canal measurement.

Foreign naval vessels, other than transports, colliers, hospital ships, and supply ships, pay tolls at the rate of $0.50 per ton displacement. Included in the preceding tabulation of transits and tolls, but not of tonnages, are the foreign naval vessels which transited the Canal during the calendar year 1938 and paid tolls on the basis of displacement tonnage, as follows:

Nationality	No. of vessels	Displacement tonnage	Tolls
British	8	29,557	$14,778.50
Cuban	2	2,400	1,200.00
French	1	7,429	3,714.50
German	1	13,312	6,656.00
Soviet	2	3,200	1,600.00
Total	14	55,898	27,949.00

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships at stock price cost plus 20 percent surcharge which covers local freight, handling, and other costs.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Postal and Telegraphic Address of The Panama Canal

The postal address is, "The Panama Canal, Balboa Heights, Canal Zone," or "The Panama Canal, Washington, D. C."

Mail for ships passing through the Canal or touching at either of the terminal ports should be addressed to "Cristobal, Canal Zone."

The cable and radio address of The Panama Canal, on the Isthmus, is "Pancanal, Panama;" in the United States, "Pancanal, Washington."

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

Current Net Prices on Fuel Oil, Diesel Oil, and Coal

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from tanks of The Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.75 per barrel at Cristobal and Balboa.

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming. Oil deliveries can be made up to 5,500 barrels per hour, rate depending on gravity of oil, location of shore tanks, and ship's facilities for handling.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.; 10 p. m.

From Panama: Daily, 7:05 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

THE PANAMA CANAL RECORD

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXII Balboa Heights, C. Z., February 15, 1939 No. 7

Traffic Through the Panama Canal in January 1939

The total vessels of all kinds transiting the Panama Canal during the month of January 1939, and for the same month in the two preceding years, are shown in the following tabulation:

	January 1937	January 1938	January 1939		
			Atlantic to Pacific	Pacific to Atlantic	Total
Ocean-going commercial traffic	399	444	282	243	525
Small commercial vessels [1]	97	69	46	44	90
Noncommercial vessels:					
United States Government	38	60	25	122	147
Colombian Government	.....	2	.....	.....	.....
For repairs	1	2	1	1	2
Total	535	577	354	410	764

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve months ended January 31, 1939, as compared with the twelve months ended January 31, 1938:

Month	No. of vessels		[3] Panama Canal net tonnage		Tons of cargo		Tolls	
	1937–8	1938–9	1937–8	1938–9	1937–8	1938–9	1937–8	1938–9
February	377	436	1,940,611	2,154,222	1,839,788	1,998,827	$1,602,306.30	$1,786,611.45
March	536	506	2,770,451	[4]2,511,674	3,016,418	2,268,548	2,355,149.04	2,015,585.34
April	473	487	2,460,549	[4]2,438,985	2,652,880	2,279,235	2,067,026.68	1,961,456.58
May	544	465	2,839,127	[4]2,322,642	2,950,925	2,309,171	2,376,706.36	1,886,825.66
June	472	445	2,450,018	[4]2,227,698	2,670,466	2,122,389	2,070,337.89	1,801,291.78
July	457	429	2,395,306	[5]2,089,000	2,476,366	2,025,660	2,029,642.45	1,694,205.00
August	505	468	2,597,119	[5]2,345,000	2,780,603	2,171,674	2,195,308.87	1,890,050.74
September	444	438	2,312,725	[5]2,165,000	2,385,142	1,998,464	1,935,673.78	1,741,895.46
October	461	494	2,359,406	[5]2,460,000	2,438,788	2,359,673	1,981,087.87	1,977,706.76
November	435	505	2,280,565	[5]2,489,000	2,185,283	2,223,830	1,893,462.00	1,984,014.72
December	439	509	2,238,271	[5]2,526,000	2,046,170	2,374,395	1,845,048.20	2,031,017.04
January	444	525	2,219,496	[5]2,571,000	2,095,402	2,393,360	1,837,894.72	2,062,454.16
Total	5,587	5,707	28,863,644	28,300,221	29,538,231	26,525,226	24,189,644.16	22,833,114.69

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

[3] These figures indicate the Panama Canal net tonnage as determined under the rules of measurement in effect prior to March 1, 1938.

[4] The Panama Canal net tonnage for these four months as determined under the rules now in effect was as follows: March 1938, 2,311,526; April 1938, 2,258,836; May 1938, 2,150,228; June 1938, 2,064,793.

[5] Estimated tonnage under the former rules, based on total Panama Canal net tons as now measured, July 1938, 1,933,816; August 1938, 2,177,699; September 1938, 2,005,241; October 1938, 2,276,194; November 1938, 2,302,333; December 1938, 2,336,011; January 1939, 2,380,916.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of January 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	[6] Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	46	2,451	$1,930.68	498
Pacific to Atlantic	44	2,358	2,121.84	2,723
Total	90	4,809	4,052.52	3,221

[6] As measured under the present Panama Canal rules.

Traffic by Nationality of Vessels [7] for January 1939

Nationality	No. of transits	[8] Panama Canal net tonnage	Tolls	Tons of cargo
British	[9]138	681,220	$580,378.62	559,176
Chilean	4	15,367	13,771.98	9,006
Danish	20	83,171	72,464.04	75,090
French	10	48,379	43,028.28	45,629
German	33	129,890	116,901.00	139,594
Greek	12	54,840	48,585.06	91,569
Honduran	1	1,616	1,454.40	812
Italian	3	19,439	17,495.10	4,908
Japanese	22	124,120	111,708.00	148,107
Netherland	31	91,897	78,436.98	87,256
Norwegian	68	309,932	261,089.82	314,276
Panamanian	20	38,901	33,517.08	55,226
Peruvian	1	2,259	2,033.10	1,970
Philippine	1	4,805	4,324.50	8,058
Swedish	12	5,552	47,577.06	71,238
Soviet	1	3,358	3,022.20	2,258
United States	142	689,062	604,588.86	753,184
Yugoslav	6	27,108	22,078.08	26,003
Total	525	2,380,916	2,062,454.16	2,393,360

[7] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [8] As measured under the present Panama Canal rules. [9] Includes one naval vessel of 7,800 displacement tons.

Traffic by Trade Routes for January 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[10] Panama Canal net tonnage	Tons of cargo	No. of ships	[10] Panama Canal net tonnage	Tons of cargo
United States intercoastal	51	252,977	160,139	52	259,294	388,719
East coast United States and:						
Canada				3	14,062	23,129
Central America/Mexico	4	7,576	3,232	4	7,418	3,138
South America	21	86,529	12,472	21	85,564	203,373
Hawaiian Islands	4	18,528	11,088	2	10,512	17,154
Australasia	5	30,407	26,172			
Philippine Islands	8	43,833	39,496	10	53,304	71,537
Far East	27	137,236	216,776	6	31,316	25,698
East coast Canada and:						
South America	1	4,359				
Australasia	5	25,331	21,632	3	15,404	16,754
Central America/Mexico intercoastal	1	6,264	11,974			
East coast Central America/Mexico and United States				1	3,054	6,082
South American intercoastal	4	10,265	15,246			

[10] As measured under present Panama Canal rules.

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[10] Panama Canal net tonnage	Tons of cargo	No. of ships	[10] Panama Canal net tonnage	Tons of cargo
East coast South America and:						
Canada	1	4,415	6,482	1	4,551	6,515
Far East	3	16,758	15,313	1	5,425	3,649
Cristobal and:						
Central America	5	3,386	3,315	5	3,314	3,989
South America	17	9,474	6,789	18	10,968	9,080
West Indies and:						
United States	1	3,698	7,232	1	8,259	15,369
Canada	.....	.....	.....	2	3,983	6,755
Central America/Mexico	1	1,153	.....	.....	.....	.....
South America	1	6,332	13,475	1	8,145	17,164
Far East	1	2,456	4,840	.....	.....	.....
Europe and:						
United States	30	148,289	3,100	12	52,071	85,866
Canada	48	240,380	38,309	60	300,720	460,287
Central America/Mexico	2	5,936	4,088	.....	.....	.....
South America	19	100,244	38,085	21	108,549	162,048
Australasia	11	84,946	69,354	12	76,559	77,586
Far East	1	6,037	7,926	4	19,489	27,483
Africa and Far East	1	4,313	8,000	.....	.....	.....
Asia and:						
Canada	.....	.....	.....	1	1,778	1,740
Around the world	2	9,604	7,490	1	6,672	8,220
Foreign vessels in ballast (United States intercoastal)	4	17,511	.....	.....	.....	.....
Vessels not engaged in commerce	[11] 3	2,268	.....	[12] 1	.....	.....
Total	282	1,290,505	752,025	243	1,090,411	1,641,335

[10] As measured under present Panama Canal rules. [11] Yachts. [12] Cruiser.

Origin and Destination of Cargo by Major Areas, January 1939

The following table summarizes the origin of cargo passing through the Canal in January 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	165,971	16,975	261,048	11,848	22,719	478,561
Other North America	8,979	18,465	4,902	25,934	25,686	83,966
Europe	27,440	14,835	4,531	32,630	67,781	147,217
Miscellaneous	4,433	3,152	11,058	14,666	8,972	42,281
Total	206,823	53,427	281,539	85,078	125,158	752,025

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	381,935	30,412	207,140	10,356	629,843
Canada	23,129	7,702	335,216	2,151	368,198
Other North America	20,292	4,330	2,983	.....	27,605
South America	200,085	30,770	160,704	106	391,665
Australasia	5,966	11,785	76,589	.....	94,340
Asia	100,312	3,417	25,478	477	129,684
Total	731,719	88,416	808,110	13,090	1,641,335

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more long tons, either during January 1939 or January 1938, are listed below:

Commodity	January 1938	January 1939	Commodity	January 1938	January 1939
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Automobiles and parts	24,742	20,931	Canned food products	68,925	118,478
Canned food products	10,429	9,625	Coffee	15,392	16,390
Cement	7,656	14,076	Cold storage (food products) [13]	36,461	32,493
Cotton, raw	8,873	20,380	Copra	31,499	15,802
Iron and steel manufactures	124,087	123,141	Cotton, raw	18,763	8,488
Machinery	15,808	10,634	Flour	16,791	12,193
Manufactured goods	10,426	14,312	Fruit, dried	22,743	22,645
Metals, various	34,940	29,536	Fruit, fresh [14]	29,925	47,897
Oils, mineral	68,583	98,538	Lumber	221,699	307,232
Paper	23,261	35,078	Metals, various	57,666	51,749
Phosphates	3,792	32,808	Nitrates	173,643	122,307
Railroad material	28,365	6,958	Oats	6,245	15,735
Scrap metal	8,987	95,972	Oils, mineral	188,827	221,912
Sand	10,817	3,391	Oils, vegetable	15,097	14,196
Slag	10,883	3,363	Ores	196,103	140,078
Sugar	14,971	759	Paper	11,057	5,981
Sulphur	10,396	14,597	Soy beans	16,218	17,389
Tinplate	14,873	16,703	Sugar	81,620	89,969
			Wheat	92,137	192,788
Pacific to Atlantic			Wood pulp	31,712	22,240
Barley	18,580	26,844	Wool	8,218	14,897
Beans, edible, dry	16,669	13,646			

[13] Does not include fresh fruit. [14] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of January 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	.....	73
Agricultural implements	685	846	2,311	1,335
Ammonium compounds	195	.....	3,190	.....
Animal foods [15]	74	57	74	57
Apparel, wearing (hats, shoes, clothing, etc.)	141	.....	141	5
Asbestos	791	39	2,512	87
Asphalt and tar	233	24	6,953	907
Automobiles (and autotrucks)	2,567	.....	14,277	7
Automobile parts and accessories	936	25	6,654	25
Bags and bagging, textile	133	49	415	126
Bamboo and products	.....	8	.....	474
Bananas	.....	.....	.....	3,446
Barks, miscellaneous	69	49	182	907
Barley	.....	12	.....	26,844
Beans, edible, dry	.....	7,397	60	13,646
Beer	5	.....	293	.....
Beverages, nonalcoholic	50	.....	80	.....
Blood and tankage	.....	.....	30	50
Bones and bone meal	.....	29	371	29
Books and printed matter	94	.....	96	.....
Borax	50	462	720	6,270
Bran and pollards	.....	186	10	808
Bricks and tile	120	.....	2,817	9
Camphor, crude	.....	.....	.....	56
Canned and preserved goods:				
Fish	794	16,677	1,063	28,511
Fruit	1,779	25,945	1,898	60,018
Meat	35	18	334	94
Milk	74	281	377	1,090
Soup	2,885	498	2,900	532
Vegetables	313	8,845	353	8,879
Miscellaneous and unclassified	1,389	13,045	2,700	19,354
Carbon black	41	5	1,171	11

[15] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Celite	.....	506	.....	506
Cement	187	.....	14,076	.....
Chalk	.....	.....	250	3
Charcoal	42	.....	129	.....
Chemicals [15]	2,337	638	7,065	1,260
Clay, china and fire	565	448	4,035	634
Clay, filtering	.....	94	.....	94
Coal	1,105	.....	1,531	.....
Cocoa and cacao beans	373	614	595	1,962
Coconuts and products [15]	64	2,247	155	2,850
Coffee	118	22	5,263	16,390
Coke	.....	.....	4,792	12
Cold storage and refrigerated products:				
Dairy products	50	23	485	19,654
Eggs	.....	.....	7	165
Fish	422	.....	518	1,405
Lard	135	30	179	70
Meats	136	53	275	10,643
Poultry	.....	114	.....	142
Vegetables	.....	385	.....	394
Other and unclassified	.....	20	3	20
Confectionery	1,159	.....	1,160	3
Copra	.....	.....	.....	15,802
Corn	.....	.....	275	517
Cotton, raw	.....	1,015	20,380	8,488
Creosote	.....	.....	16	.....
Drugs and medicines	1,708	80	1,983	94
Dyes	.....	.....	24	.....
Earthenware	48	.....	75	321
Eggs, dried	.....	.....	.....	20
Electrical apparatus and appliances	1,372	306	2,206	326
Enamelware and metalware	319	606	808	1,375
Explosives	.....	1	196	6
Extract, quebracho	.....	.....	3,793	.....
Fertilizers [15]	181	117	7,804	182
Fish, salted or dry-cured	.....	.....	38	.....
Fish meal	.....	.....	.....	4,613
Floor coverings	2,275	1,245	2,451	1,713
Flour	164	9,748	874	12,193
Fruit, dried	65	10,512	274	22,645
Fruit, fresh [15]	15	2,918	633	47,897
Furniture and household goods	421	53	500	98
General	9,993	4,945	40,789	12,988
Glass and glassware	1,780	61	4,632	1,261
Glue	66	84	108	84
Grains [15]	27	.....	79	5
Groceries	969	1,485	1,218	2,092
Gums	22	.....	22	172
Hair, all kinds	50	59	50	180
Hay	.....	10	16	23
Hemp, unmanufactured	61	87	61	1,844
Honey	.....	215	.....	336
Hops	.....	43	122	362
Horns and hoofs	.....	.....	10	.....
Infusorial earth	.....	1,433	.....	1,865
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	55,385	474	123,141	577
Ivory nuts	.....	.....	1	1,552
Jute, unmanufactured	35	.....	45	49
Lard substitute	601	.....	603	100
Lime	49	.....	69	.....
Liquors	2,374	464	3,751	469
Lumber (including manufactured mill products)	1,365	132,390	4,804	307,232
Machinery	1,727	479	10,634	689
Malt	.....	.....	311	8
Manufactured goods [15]	7,205	1,203	14,312	4,167
Marble and granite	.....	.....	253	.....
Matches	14	143	67	268
Metals:				
Antimony	.....	.....	66	.....
Copper	431	4,018	4,433	27,006
Gold and silver	.....	.....	.....	32
Iron	655	.....	20,269	.....
Lead	25	1,258	60	14,743
Tin	311	155	1,460	345
Zinc	88	102	1,246	9,127
Other and unclassified	268	11	2,002	496
Milk, powdered	.....	336	.....	586
Molasses and syrups	275	.....	7,732	1,292
Nitrates	1,887	.....	7,575	122,307

[15] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Nuts, edible (including meats)	199	296	204	639
Oats	69	436	76	15,735
Oils, mineral:				
Crude	4	.....	13,773	38,869
Gas and fuel	.....	59,003	37,472	66,172
Gasoline, benzine, and naphtha	6	13,239	16,758	97,591
Kerosene	.....	13	13,875	17,772
Lubricating and greases	5,698	867	16,410	1,508
Other and unclassified	.....	.....	250	.....
Oils, vegetable:				
Coconut	.....	530	12	8,675
Linseed	236	.....	384	1
Olive	.....	.....	30	.....
Peanut	.....	.....	.....	1,436
Rapeseed	.....	.....	.....	517
Wood	14	.....	14	1,117
Other and unclassified	141	.....	787	2,450
Oil, fish	4	3,056	81	7,057
Oil, whale	.....	.....	38	.....
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	45	84	2,549	347
Oilseed cake and meal	1,394	115	1,394	3,737
Ores:				
Antimony	.....	.....	.....	316
Chrome	.....	.....	.....	2,500
Copper	.....	1,651	98	4,388
Gold and silver	.....	.....	.....	171
Iron	.....	.....	.....	107,600
Lead	.....	.....	24	5,766
Magnesite	.....	443	.....	800
Manganese	400	.....	400	3,553
Tin	.....	85	.....	3,998
Zinc	.....	.....	.....	8,519
Other and unclassified	478	90	674	2,467
Paints and varnishes	1,013	117	2,315	176
Paper and paper products [15]	8,486	4,970	35,078	5,981
Peanuts	459	.....	459	5
Peas, dry	.....	104	.....	447
Peatmoss	.....	.....	701	.....
Phosphates	120	.....	32,808	.....
Plaster	14	.....	243	.....
Porcelainware	192	62	930	3,923
Potash	52	123	4,105	123
Rags and waste	185	290	570	582
Railroad material	97	.....	6,958	.....
Rice	852	270	1,039	1,572
Rope and twine	111	20	146	670
Rosin	1,533	.....	3,755	743
Rubber:				
Manufactured	846	444	1,242	616
Raw	.....	.....	27	2,435
Scrap	.....	.....	851	34
Salt	58	298	3,634	298
Sand	18	.....	3,391	25
Scrap metal	98	255	95,972	679
Seeds (except oilseeds)	.....	371	204	806
Sewer pipe (concrete and terra cotta)	50	.....	50	.....
Shells, oyster	573	.....	651	217
Silk, raw	.....	161	15	2,787
Skins and hides	.....	1,945	577	4,650
Slag	.....	.....	3,363	.....
Slate	1,080	.....	1,080	.....
Soaps and products	1,607	24	1,681	59
Soda and sodium compounds:				
Soda ash	158	.....	200	287
Soda, caustic	133	55	983	55
Miscellaneous and unclassified	345	.....	1,135	172
Soy beans	1,236	.....	1,236	17,389
Spices	180	93	220	139
Sugar	40	16,704	759	89,969
Sulphur	14,252	.....	14,597	35
Talc	.....	49	43	480
Tallow	.....	656	82	2,712
Tea	59	36	110	1,310
Textiles [16]	3,236	153	7,879	5,978
Tinplate	6,601	.....	16,703	52
Tobacco and manufactures	227	52	4,158	91
Toilet preparations	161	26	165	128
Turpentine	172	.....	489	.....
Vegetables, dry [15]	.....	40	.....	1,103
Wallboard	298	.....	623	137

[15] Except as otherwise classified. [16] Cotton, silk, wool, rayon goods.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Wax, paraffin	263	199	1,211	304
Wheat	.....	56	.....	192,788
Wines	74	1,238	514	2,136
Wood pulp	15	16,757	8,890	22,240
Wool	12	712	109	14,897
Total, January 1939	165,971	381,935	752,025	1,641,335
Total, January 1938	153,050	321,302	603,175	1,492,227
Total, January 1937	.....	69,710	508,209	1,347,728

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of January 1939:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	[17] Panama Canal net tonnage	Tons of cargo	No. of ships	[17] Panama Canal net tonnage	Tons of cargo
United States intercoastal	8	44,905	.....	7	39,186	[19] 75,105
East coast United States and:						
Hawaiian Islands	1	3,732	.....	.....	.....	.....
Far East	2	13,353	25,329	.....	.....	.....
East coast Canada and South America	1	4,359	.....	.....	.....	.....
Central America/Mexico intercoastal	1	6,264	11,974	.....	.....	.....
South American intercoastal	1	6,061	12,221	.....	.....	.....
West Indies and:						
United States	1	3,698	[18] 7,232	1	8,259	15,369
South America	1	6,332	13,475	1	8,145	17,164
Europe and:						
United States	11	64,974	.....	5	32,589	62,984
South America	3	21,063	.....	4	24,704	49,769
Total	30	174,741	70,231	18	112,883	220,391

[17] As measured under the present Panama Canal rules. [18] Molasses. [19] 2,864 tons discharged at Cristobal.

Comparison of Canal Traffic in January 1939, with January Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of January			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(*000 omitted*)	(*000 omitted*)			(*000 omitted*)	(*000 omitted*)
1915	[19] 96	337	426	1915	[20] 100	361	466
1916	[21] 1	1	1	1916	60	199	258
1917	164	539	640	1917	145	483	588
1918	149	495	553	1918	165	547	627
1919	163	499	530	1919	162	510	576
1920	254	927	924	1920	199	712	781
1921	272	1,094	1,177	1921	232	950	966
1922	202	846	807	1922	222	951	907
1923	345	1,610	1,592	1923	325	1,550	1,631
1924	471	2,400	2,427	1924	429	2,179	2,249
1925	395	1,959	1,907	1925	382	1,904	1,996
1926	473	2,300	2,346	1926	424	2,064	2,169
1927	428	2,121	2,240	1927	441	2,184	2,311
1928	525	2,421	2,371	1928	521	2,453	2,468
1929	597	2,770	2,858	1929	524	2,485	2,554
1930	523	2,601	2,611	1930	502	2,497	2,502
1931	465	2,379	2,106	1931	447	2,314	2,089
1932	371	2,022	1,594	1932	364	1,968	1,650
1933	378	2,067	1,462	1933	347	1,900	1,513
1934	479	2,581	2,086	1934	436	2,379	2,059
1935	425	2,294	1,945	1935	432	2,317	2,109
1936	472	2,411	2,149	1936	449	2,335	2,209
1937	399	1,916	1,856	1937	467	2,404	2,507
1938	444	2,219	2,095	1938	460	[22] 2,338	2,282
1939	525	[23] 2,571	2,393	1939 (7 months)	481	[24] 2,378	2,221

[19] Canal opened August 15, 1914. [20] Canal closed part of month due to slides. [21] Average for 10½ months of fiscal year ended June 30, 1915. [22] As measured under the rules in effect prior to March 1, 1938. [23] Estimated tonnage under Panama Canal rules in effect prior to March 1, 1938.

Terminal Activities

Ships repaired during the month of January 1939 numbered 64. Vessels released from drydock numbered 13. Fuel oil amounting to 239,550 barrels was delivered as bunkers to 116 commercial ships. Bunker coal amounting to 7,005 tons was delivered to 31 commercial ships. Sales of commissary supplies to ships aggregated $120,462.63.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving.....tons..	20,699	10,797	31,496
Local cargo shipped.....tons..	2,254	566	2,820
Cargo received for transshipment.....tons .	48,837	881	49,718
Cargo transshipped.....tons..	47,249	293	47,542
"Canal Zone for Orders" cargo:			
Number of receipts issued.....	6	.....	6
Number of releases issued.....	45	20	65
Tons received.....	36	.....	36
Tons withdrawn.....	51	13	64

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal..	704	4,142,331	2,758,845	658	3,781,697	2,560,834
Vessels entering port but not transiting Canal.	62	408,653	221,940	8	40,162	24,404
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	139	751,497	447,829	117	721,666	438,992
Ships clearing						
All vessels, including those transiting Canal..	699	4,122,308	2,745,687	661	3,796,834	2,572,146
Vessels clearing port but not transiting Canal.	60	400,890	217,632	10	42,860	26,670
Vessels transiting Canal and handling passengers and cargo at terminal ports.....	137	743,905	442,102	117	724,854	440,711

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight January 10, 1939, to midnight February 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Istmo, 0, 360
Saarland, 0, 228
Contessa, 0, 908
Delftdijk, 0, 180
Lobos, 25, 175
Luebeck, 17½, 264½
Monserrate, 108, 341
Brimanger, 5, 0
Samuel, Bakke, 10, 0
Abraham Lincoln, 8, 101
Platano, 774, 17
Seattle, 358, 0
Ermland, 5, 0
Santa Rita, 374, 0
Santa Clara, 400, 38
Sambu, 0, 146
Douro, 0, 12
Amerika, ½, 168
Jamaica, 42, 1,018
Tasmania, 588, 0
Nero, 415, 126
Bogota, 911, 620
Toloa, 603, 209
American Press, 604, 1,741
Buenaventura, 1,604, 462
Durazzo, 176, 678
Pasajero, 0, 4
Lysefjord, 0, 207½
Colombia, 58, 24
Ino, 0, 57
Cuba, 35, 0
Trois Ilets, 369, 0
Leipzig, 92, 13
Ceres, 6, 140
Talamanca, 79, 229
Santa Paula, 318, 88
John Cabot, 0, 644
Fella, 114, 0
Historian, 217, 0
Lochmonar, 65, 151
Istmo, 428, 138
Peru, 87, 115
Yamabiko Maru, 646, 0
Maravi, 0, 73
Cefalu, 214, 1,011
Cordillera, 0, 786
Cuba, 0, 892
Orduna, 60, 2
Santa Lucia, 711, 29
Real, 0, 7
Salvador, 752, 415
San Anselmo, 200, 2½
Musa, 567, 2
Wyoming, 169, 29
Ancon, 3,243, 626
Naumburg, 124, 0
Muenchen, 60, 441
Bennekom, 304, 218
Santa Maria, 280, 439
Margaret Johnson, 66, 96
Veragua, 177, 1,068
Orotava, 11, 271
Cerigo, 679, 224
Ino, 468, 150
Sixaola, 703, 92
Este, 156½, 237
Crawford Ellis, 1 pkg., 336
Norden, 483, 0
Trois Ilets, 267, 54
Alabama, 501, 0
Komaki Maru, 372, 0
Douro, 268, 191
Clio, 336, 93
Palatia, 5, 166
Colombia, 2, 950
Santa Elena, 77, 50½
Quirigua, 44, 69
San Vincente, 441, 11
Bockenheim, 0, 187
Santa Barbara, 449, 4
Contessa, 383, 800
Nozima Maru, 699, 0
Hoyanger, 28, 14
Istmo, 215, 432
Sambu, 0, 60
Weser, 555, 583½
Platano, 881, 105
Kaipara, 0, 578
Pereira, 1,118, 549
Benj. Franklin, 5, 93
Osorno, 254, 428
Chiriqui, 141, 722
Guayaquil, 1,317, 530
Dinteldijk, 292, 69
Tai Yang, 1,158, 0
Pasajero, 33, 18
Quito, 759, 0
Madoera, 74, 0
Canada, 0, 28
Ulua, 847, 308
Margaret Lykes, 567, 930
Allister, 478, 19
Nero, 265, 171
Clio, 552, 208
Sesostris, 72, 781½
Cerigo, 49, 611
San Francisco, 475, 351
Morviken, 595, 0
Trois Ilets, 194, 99
Tacoma, 95, 306
Thorstrand, 19, 0
Nuernberg, 127, 316
Hindanger, 2, 0
Santa Rita, 400, 98
Santa Inez, 287, 0
Jamaica, 49, 65
Santa Rosa, 194, 341
Milwaukee, 5, 0
Virgilio, 3, 334
Deborah, 0, 84
Istmo, 219, 317
Forbes Hauptmann, 1,543, 0
Acajutla, 744½, 0
Copiapo, 115, 0
Canadian Reefer, 70, 0
San Diego, 111, 336
Arizona, 1, 1,030
Cefalu, 779, 837
Moldanger, 6, 0
Annie Johnson, 255, 57
Tigre, 0, 405
Musa, 709, 37
Havelland, 293, 0
Lautaro, 76, 0
Santa Lucia, 50, 0
San Bernardino, 1,275, 0
Cristobal, 3,636, 818
Alkmaar, 0, 630
Drechtdijk, 216, 201
Telde, 339, 568
Dresden, 99, 1,166
De La Salle, 102, 1,144
Talamanca, 273, 450
Orotava, 260, 307
Santa Marta, 594, 92
Nero, 624, 169
Ino, 410, 112

CRISTOBAL—Continued

Trois Ilets, 155, 0
Durazzo, 1,181, 706
Deborah, 14, 0
Shenandoah, 1,187, 0
Portland, 75, 241
Leme, 71, 238
Luebeck, 251, 419
Lagarto, 41½, 65
Pericles, 73, 806
Veragua, 126, 471½
Santa Paula, 404, 233
San Clemente, 896, 0
Lochavon, 275, 287
Francis R. Hart, 5,644, 0
Douro, 570, 39
Cadmus, 9, 531
Istmo, 400, 364
Buenos Aires, 10, 223
Acajutla, 0, 238
Oropesa, 70, 1 pkg.
Europa, 14, 165
Patria, 390, 112
Barneveld, 241, 730
Contessa, 606, 667
Quito, 0, 630
Santa Clara, 379, 5
Real, 0, 29
John Cabot, 767, 595
City of Delhi, 92½, 0
Caribia, 131, 253½
Sambu, 0, 114
Platano, 831, 10
Santa Barbara, 295, 32
Quirigua, 41, 349
Buenvaventura, 1,507, 349
Niel Maersk, 954, 453
Bogota, 840, 559
Rialto, 38, ¼
Costa Rica, 64, 2
Kansai Maru, 273, 84
Poseidon, 1, 0
Ino, 224, 237
Scholar, 191, 0
Toloa, 589, 131

BALBOA

Samuel Bakke, 664, 0
Santa Clara, 209, 0
City of San Francisco, 243, 0
Republic, 656, 315
Salvador, 2, 0
Santa Lucia, 2, 0
Cuyama, 7,398, 0
Santa Maria, 209, 2
Ferncastle, 5,783, 9
Hoyanger, 55, 0
City of Norfolk, 764, 0
Tai Yang, 272, 0
Chaumont, 1, 0
San Francisco, 1,549, 0
Nourmahal, 1, 1
Nurnberg, 121, 0
Trois Ilets, 51, 0
Forbes Hauptman, 1,126, 20
Cerigo, 0, 54
City of Baltimore, 418, 0
Maine, 1,159, 0
Santa Rita, 147, 0
Acajutla, 1, 0
Santa Lucia, 95, 33
Rangitane, 47, 0
City of Newport News, 516, 0
Geisha, 91, 0
Santa Clara, 8, 0
Niel Maersk, 233, 0
Tatsuno, Maru, 167, 0
Salinas, 9,251, 0
Santa Barbara, 230, 0
Lebec, 10,211, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

During January 1939, ocean-ship passengers disembarking at Cristobal numbered 1,938, embarking 1,564; at Balboa, 631 disembarking and 698 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 2,896, from the Pacific to the Atlantic, 2,647. Aircraft numbering 98 entered Cristobal, 223 passengers disembarking; clearances were 96, with 262 passengers embarking. Balboa entries of aircraft numbered 53, with 122 passengers disembarking; clearances were 53, with 107 passengers embarking.

Comparison of Traffic at the Suez and Panama Canals for the Calendar Years 1937 and 1938

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1937	1938	Increase	Decrease	1937	1938	Increase	Decrease
January	575	544	.....	5.4	399	444	11.3	.....
February	524	508	.....	3.1	377	436	15.6	.....
March	580	578	.....	0.4	536	506	.....	5.6
April	621	516	.....	16.9	473	487	3.0	.....
May	567	479	.....	15.5	544	465	.....	14.5
June	540	469	.....	13.1	472	445	.....	5.7
July	551	509	.....	7.6	457	429	.....	6.1
August	531	522	.....	1.7	505	468	.....	7.3
September	522	508	.....	2.7	444	438	.....	0.9
October	557	540	.....	3.1	461	494	7.2	.....
November	526	495	.....	5.9	435	505	16.1	.....
December	541	503	.....	7.0	439	509	15.9	.....
Total	6,635	6,171	.....	7.0	5,542	5,626	1.5	.....

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Movements of Ocean Vessels Through the Panama Canal

From midnight January 10, 1939, to midnight February 10, 1939

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Queen Maud [2]	10	11	Brit	Thos. Dunlop & Sons	Halifax, N. S.	Brisbane, Aust.	Newsprint	5,277
Nuevo Panama [2]	10		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Istmo	9	11	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	1,077
Charleston [12]	10		Amer.	U. S. Navy	Norfolk, Va.	Balboa, C. Z.	Ballast	
Dalveen	10	11	Brit	United Steam Nav. Co.	N. Shields, Eng.	S. Francisco, Cal.	Ballast	
Loch Ranza	10	11	Brit	Maclay & McIntyre	Cardiff, Wales	Vancouver, B. C.	Ballast	
King Egbert [2]	10	11	Brit	J. J. Moore	Belfast, Ireland	Los Angeles, Cal.	Ballast	
Bullaren [2]	10	11	Swed	Flood Brothers	Antwerp, Belgium	S. Francisco, Cal.	Silver sand	3,100
Bridgepool	11	11	Brit	Sir R. Ropner & Sons	N. Shields, Eng.	U. S. west coast	Ballast	
Pukkastan	11	11	Brit	Empire Ship. Co.	Barry, England	U. S. west coast	Ballast	
American	11	11	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	1,813
City of Manila	11	11	Brit	Ellerman & Bucknall	Philadelphia, Pa.	Fremantle, Aust.	General	6,197
Simonburn	11	11	Brit	Hindustan S. S. Co.	Barry, England	Vancouver, B. C.	Ballast	
Samuel Bakke [2]	11	12	Nor	Knut Knutsen, O. A. S.	Goth'burg, Swed.	Talcahuano, Chile	Gen., paper	3,936
Monserrate [2]	11	11	Ger	Hamburg-Amer. Line	Hamburg, Ger.	Valparaiso, Chile	General	2,790
Brimanger [2]	11	11	Nor	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Lubeck	11	11	Ger	Hamburg-Amer. Line	Hamburg, Ger.	Champ'ico, Guat.	General	1,963
Lobos [2]	11	12	Brit	Pacific Steam Nav. Co	Hull, England	Valparaiso, Chile	General	2,831
Krossfonn [1] [2]	11	12	Nor	Pechelbronn	Donges, France	LaLibertad, Ecua.	Ballast	
Tuira [2]	10	12	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	10		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
La Union [2]	10		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pirre [2]	10		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	10		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Santa Clara	11	12	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile	General	2,308
Mosli [1] [2]	11	12	Nor	Petroleos Mexicanos	Minatitlan, Mex	Mazatlan, Mex.	Gas and oil	11,974
Ermland [2]	11	12	Ger	Hamburg-Amer. Line	Galveston, Tex.	Manila, P. I.	General	8,580
Sirikishna	11	12	Brit	The South Georgia Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	
Clearpool	11	12	Brit	Pool Shipping Co.	Tyne, England	Portland, Oreg.	Ballast	
Amerika [2]	12	12	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	570
Cairnvalona	12	12	Brit	Furness, Withy & Co.	Leith, Scotland	Vancouver, B. C.	Ballast	
Sambu [2]	10	12	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	74
City of Newport News.	14	15	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	1,947
Maranon	12	15	Peru	C. P. V. D.	Iquitos, Peru	Callao, Peru	Gen., lumber	1,970
Canal Maraleda	13	15	Chile	Chilean Govt. Rwy.	Cardiff, Wales	Valparaiso, Chile	Ballast	
Geddington Court	12	15	Brit	Canadian Transp. Co.	Cardiff, Wales	N. Pacific port	Ballast	
Timber Rush	13	15	Amer.	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash.	General	3,567
City of Glasgow	13	15	Brit	Mont.-Aust.-N.Z. Line	St. John, N. B.	Bluff, N. Z.	General	3,962
Galaxias	13	15	Greek	Mitsui Line	Antwerp, Belg.	California [13]	Ballast	
Durazzo	13	15	Ger.	Hamburg-Amer. Line	Pto. Colombia	Guayaquil, Ecua.	Coffee, gen.	489
Steelore	13	15	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Adelfotis	14	15	Greek	M. Carras, Ltd.	Seax, Spain	N. Plym'th, N. Z.	Phosphate	8,000
Windsrowood	14	15	Brit	Constantine Ship. Co.	Ghent, Belgium	Wellington, N. Z.	Fertilizer	7,005
William Luckenbach.	14	15	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,245
Nero [2]	12	15	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	114
Penelope [1] [2]	12	15	Pan	Standard Oil of N. J.	Carpito, Venez.	Tocopilla, Chile	(14)	12,221
Mexican	14	15	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Tacoma, Wash.	General	2,727
Uyo Maru [2]	14	15	Jap	Mitsui Line	Mobile, Ala.	Osaka, Japan	(15)	7,909
Abadan [1] [2]	14	15	Swed.	E. A. Gibson Co.	Bordeaux, Fr.	El Segundo, Calif	Ballast	
Charles R. McCormick.	14	15	Amer.	McCormick S. S. Co.	Albany, N. Y.	Seattle, Wash.	General	1,760
Ino [2]	14	15	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	51
Trois Ilets	15	15	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	
Hawaiian	15	16	Amer.	Amer.-Hawaiian Line	Baltimore, Md.	Tacoma, Wash.	General	3,017
Firmore	15	16	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
John Cabot	10	16	Brit	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	653
Empire Star [2]	16	16	Brit	Blue Star Line	Glasgow, Scot.	Pt. Chalmers, N. Z.	General	8,743
Steel Mariner	16	16	Amer.	Isthmian S. S. Lines	New Orleans, La.	Honolulu, T. H.	Tinplate, gen	4,855
Goviken	16	16	Nor	Longls. Mach. & Equip.	Baltimore, Md.	Yawata, Japan	Scrap steel	6,508
Taiwan [2]	16	16	Nor	Barber Line	S. Boca Gr'de, Fla.	Kobe, Japan	Phosphate	8,400
Lerwick	16	16	Brit	Chile Nit. Sales Corp.	Mobile, Ala.	Tocopilla, Chile	Ballast	
Washington	16	16	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Seattle, Wash.	(16)	2,224
Marconi [2]	16	16	Pan	Domil's Campodonico	Cispatas, Colom.	Aguadulce, R. P.	Cattle	36
Salawati [2]	16	16	Neth.	Steam Navigation Co.	Amsterdam, Neth	Vancouver, B. C.	Ballast	
Fella [2]	16	16	Ital	Italian Line	Trieste, Italy	Vancouver, B. C.	General	1,554
Comol Rico [1]	16	17	Amer.	Commercial Molasses	Boston, Mass.	Honolulu, T. H.	Ballast	
Amerikaland [2]	16	17	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Gen. Wm. M. Graham. [11]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Willrand [5]			Amer.	D. F. Cochran	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Lochmonar [2]	16	17	Brit	Royal Mail Lines	Rotterdam, Neth.	Portland, Oreg.	General	2,380
Norse Lady [2]	16	17	Nor	Odd Godager	Habana, Cuba	Osaka, Japan	Scrap iron	4,840

[1] Tanker. [2] Motor ship. [5] Launch. [11] Mine planter. [13] For orders. [14] Fuel and Diesel oil. [15] Gasoline, scrap. [16] Steel, general, oil.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Berganger [2]	17	17	Nor	Interocean S. S. Co	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Columbia Maru [2]	17	17	Jap	Mitsubishi Shoji K.	Pt. Tampa, Fla.	Yokohama, Japan	Phos. rock	8,371
Kiyosumi Maru [2]	17	18	Jap	Kokusai Kisen Kaisha	New York, N. Y.	Yokohama, Japan	Cotton oil	8,259
Pierre L. D. [2]	17	18	Fr	Diamond Fertilizer	Gand, Belgium	Auckland, N. Z.	Fertilizer	8,200
Porto Bello [2]	17	17	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Siamese Prince [2]	18	18	Brit	Prince Line, Ltd	New York, N. Y.	Far East	General	4,061
Imperial [2]	17	18	Chile	Cia Sud Amer. de Vap.	Hamburg, Ger.	Valparaiso, Chile.	General	771
Nuevo Panama [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Istmo	16	18	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	620
Cuyama [1]	9		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Lisc [1] [2]	18	18	Nor	S. Holter-Sorensen	Avonmouth, Eng.	Los Angeles, Cal.	Ballast	
Pacific Grove [2]	18	18	Brit	Furness, Withy & Co.	Manchester, Eng.	Portland, Oreg.	General	538
Maravi	17	18	Pan	United Fruit Co	Boston, Mass.	Puntarenas, C. R.	R. R. mat'l.	1,600
Pericles [1] [2]	18	18	Nor	Kawasaki K. Line	Corpus Ch'ti, Tex.	Yokohama, Japan	Crude oil	11,833
Santore	18	18	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Velox [2]	18	19	Nor	A/S Thor Dahl	Philadelphia, Pa.	S. Francisco, Cal.	Ballast	
Kiyokawa Maru [2]	18	19	Jap	Kawasaki K. Kaisha	New York, N. Y.	Japan	Cotton, gen.	7,765
Sambu [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	General	8
Sona [2]	17		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Rolling Stone [6]	18		Pan	Robert Wilcox	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
San Anselmo	18	19	Amer.	Quaker Line	Albany, N. Y.	Seattle, Wash.	General	3,388
Minnesotan	18	19	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,199
Point Ancha	19	19	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,725
Salmonpool	19	19	Brit	Sir R. Ropner & Co.	Glasgow, Scot.	Vancouver, B. C.	Ballast	
K. R. Kingsbury [1]	19	19	Amer.	Shell Union Oil Co	Portland, Me.	Los Angeles, Cal.	Ballast	
Fairfield City	19	20	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Singapore, St. Set.	Steel, gen.	6,935
Santa Maria [2]	19	20	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,333
Munchen [2]	19	19	Ger	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,298
Margaret Johnson.[2]	19	19	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Paper, gen.	4,343
Bennekom	19	20	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,011
Enoch [2]	19		Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		20
Nathan [2]	19		Pan	E. J. Hooper	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Orotava	19	20	Hond.	United Fruit Co	New Orleans, La.	Puntarenas, C. R.	General	812
Thistlebrae	19	20	Brit	Long Is. Mach. & Eq.	New York, N. Y.	Yawata, Japan	Scrap iron	7,554
Karmt [2]	19	20	Nor	Chile Nit. Sales Corp.	Pensacola, Fla.	Chile	Ballast	
Unicoi [2]	20	20	Amer.	Roosevelt S. S. Co	Philadelphia, Pa.	Adelaide, Aust.	General	3,936
Gypsum Prince	20	20	Brit	Chile Nit. Sales Corp.	New York, N. Y.	Chile	Ballast	
City of Dieppe	20	20	Brit	Ellerman & Bucknall	Newp't News, Va.	Sydney, Aust.	General	3,641
Barendrecht [1] [2]	20	20	Neth.	W. Tankschiff Rhed'i.	Plymouth, Eng.	Talara, Peru	Ballast	
Lumen [1] [2]	20	21	Brit	Standard Oil of N. J.	Rotterdam, Neth.	Richmond, Cal.	Ballast	
Zvir	20	21	J-Slav.	Seaboard Ship. Co	Rotterdam, Neth.	Brit. Columbia	Ballast	
Dromus [1] [2]	20	21	Brit	Anglo-Saxon Pet. Co	Rouen, France	Los Angeles, Cal.	Ballast	
K. I. Luckenbach.	20	21	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	2,778
Sire	21	21	Brit	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	
Storstad [1] [2]	21	21	Nor	Standard Oil of N. J.	Aruba, N. W. I.	Iquique, Chile	Fuel oil	13,475
Ino [2]	19	21	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	137
Portmar	21	21	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,558
Chilore	21	21	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Bogota [2]	12	21	Ger	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	196
Frida	20	21	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,540
Marchen Maersk [2]	21	22	Dan.	A. P. Moller	Boston, Mass.	Cebu, P. I.	General	6,030
Trois Ilets	21	22	Fr	French Line	Cristobal, C. Z.	B'ventura, Col.	General	50
Alabaman	21	22	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Seattle, Wash.	General	3,149
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Clio [2]	21	22	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	84
Stavros	22	22	Greek	Kassos Steam Nav. Co.	Texas City, Tex.	Kobe, Japan	Scrap iron	7,906
Scottish Star	22	22	Brit	Blue Star Line	Glasgow, Scot.	Vancouver, B. C.	Ballast	
Sorvard [2]	22	23	Nor	Lauritz Kloster	New York, N. Y.	Kobe, Japan	Scrap steel	6,500
Rangitiki [2]	23	23	Brit	N. Z. Shipping Co	London, England	Lyttleton, N. Z.	General	4,227
Mokihana	23	23	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	General	2,662
Cordillera	23	23	Brit	Donaldson Bros., Black	Glasgow, Scot.	Vancouver, B. C.	General	520
Edgar F. Luckenbach.	23	23	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	6,067
Sandanger [1] [2]	23	24	Nor	Calif.-Texas Oil Co.	Newcastle, Eng.	S. Francisco, Cal.	Ballast	
Knoxville City	23	24	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	Steel	6,251
Salvador	17	24	Brit	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	416
Thurland Castle [2]	23	24	Brit	Barber Line	New York, N. Y.	Osaka, Japan	[14]	5,335
Alynbank [2]	23	24	Brit	Mersey Paper Co	Liverpool, N. S.	Sydney, Aust.	Newsprint	5,280
Dolius [2]	24	24	Brit	L. I. Mach. & Equip.	New Orleans, La.	Nagoya, Japan	Scrap iron	7,092
Bockenheim	24	24	Ger	Hamburg-Amer. Line.	Houston, Tex.	Japan	Gen., cotton.	7,364
Reine D'Arvor [6]	16	29	Brit	H. H. Brache	Guernsey, Eng.	Australia	Ballast	
Charles Christenson.	24	25	Amer.	Arrow Line	Baltimore, Md.	Tacoma, Wash.	General	2,237
Nuevo Panama [2]	24		Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] For bananas and return to Cristobal. [14] Scrap iron and general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Trontolite [1] [2]	24	25	Brit.	Imperial Oil S. S. Co.	St. John, N. B.	Talara, Peru	Ballast	
Colon [2]	24	25	Pan.	Dom. Campodonico	Cristobal, C. Z.	Panama, R. P.	Bananas	
J-26 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Porto Bello [3]	24	24	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
San Vincente	23	25	Amer.	Pac.-Atlantic S.S. Co.	Albany, N. Y.	Seattle, Wash.	General	2,865
Istmo	24	25	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	700
Hoyanger [2]	24	25	Nor.	Westfal, Larsen & Co.	Rosario, Arg.	Vancouver, B. C.	General	6,482
Montanan	25	25	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,183
Tresillian	25	25	Brit.	Hain S. S. Co	Barry, England	Vancouver, B. C.	Ballast	
Birmingham City	25	25	Amer.	Isthmian S. S. Lines	New York, N. Y.	S. Francisco, Cal.	Steel	7,277
Pereira	25		Pan.	Grace Line	Cristobal, C. Z.	Balboa, C. Z	Drydocking	
Dunedin Star [2]	25	26	Brit.	Blue Star Line	London, England	N.Plymouth,N.Z.	General	7,214
Grayburn	25	26	Brit.	Chile Nit. Sales Corp.	Tampa, Fla.	Tocopilla, Chile	Ballast	
Sona [2]	24		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Real [2]	24		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Tuira [2]	24		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z	Ballast	
Annam [2]	25	26	Dan.	Mitsui & Co.	New York, N. Y.	Osaka, Japan	Scrap iron	9,230
W. H. Berg [1]	25	26	Amer.	Standard Oil of Calif.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Weser [2]	25	26	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	3,417
Osorno	26	27	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile	General	4,574
Benjamin Franklin. [2]	26	27	Nor.	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	3,383
Sambu [2]	24	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto.Arm'les,R.P.	General	65
Deroche [1]	27	27	Amer.	Union Oil of Calif.	Paulsboro, N. J.	Los Angeles, Cal.	Ballast	
Allister	27	28	Brit.	Texas Oil Co.	Pt. Arthur, Tex.	Puntarenas, C. R.	([14])	820
Hokkai Maru [2]	28	28	Jap.	Osaka Syosen Kaisya.	Hamburg, Ger.	Dairen, China	([15])	7,926
Rio de Janeiro Maru. [2]	28	29	Jap.	Osaka Syosen Kaisya.	Buenos Aires, Arg.	Kobe, Japan	([16])	5,556
Nourmahal [6]	28	29	Amer.	Vincent Astor	New York, N. Y.	Los Angeles, Cal.	Ballast	
Clio [2]	27	28	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	189
City of Los Angeles	28	29	Amer.	Panama Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,301
Lasta	28	28	Y-Slav	Chile Nit. Sales Corp.	Barry, England	Chile	Ballast	
San Francisco	28	29	Fr.	French Line	Havre, France	Vancouver, B. C.	General	3,023
Walter A. Luckenbach.	28	29	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,424
Treminnard	28	29	Brit.	Hain S. S. Co.	Cardiff, Wales	Brit. Columbia	Ballast	
Herman F. Whiton	28	29	Amer.	Texas Gulf Sulphur Co.	Galveston, Tex.	Tacoma, Wash.	Sulphur	7,621
Touraine [2]	28	29	Nor.	W. J. Rountree & Co.	New York, N. Y.	Kobe, Japan	General	8,594
Nero [2]	27	29	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	158
Carolinian	28	29	Amer.	Amer.-Hawaiian Line.	Bridgeport, Conn.	Seattle, Wash.	General	3,462
Marymar	28	29	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,419
Trois Ilets	27	29	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	72
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Sesostris	27	29	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Champ'ico, Guat.	General, iron	2,125
Cerigo	27	29	Ger.	Hamburg-Amer. Line.	Cartagena, Col.	B'ventura, Col.	General	566
Gypsum Queen	28	29	Brit.	Chile Nit. Sales Corp.	New York, N. Y.	Chile	Ballast	
Minerva [2]	28	29	Nor.	Chile Nit. Sales Corp.	Mobile, Ala	Chile	Ballast	
Stella Polaris [6]	29	30	Nor.	Raymond & Whitcomb	Habana, Cuba	Round the world.	Passengers	
River Lugar	28	29	Brit.	Ayrshire Nav. Co.	Barry, England	Vancouver, B. C.	Ballast	
Nordvest [2]	28	30	Dan.	Kawasaki K. Kaisha	Baltimore, Md.	Kobe, Japan	General	7,241
Camden [1]	28	30	Amer.	Shell Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
D. G. Scofield [1]	29	30	Amer.	Shell Union Oil Co.	Fall River, Mass.	Los Angeles, Cal.	Ballast	
Firby	29	30	Brit.	Ropner Shipping Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	
Hindanger [2]	29	30	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Santa Rita [2]	29	30	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,436
Rothermere	29	30	Brit.	Donaldson Bros., Black	Glasgow, Scot.	Balboa, C. Z. [13]	Ballast	
Oklahoman	30	30	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Seattle, Wash.	General	3,745
Philante [6]	30	31	Brit.	T. O. M. Sopwith	S'ampton, Eng.	Balboa, C. Z.	Ballast	
Ferncourt [1] [2]	30	30	Nor.	Petrofina	Dunkerque, Fr	Talara, Peru	Ballast	
Texas Sun [1] [2]	30	31	Amer.	Sun Oil Co.	Perth Amboy, N.J.	Los Angeles, Cal.	Ballast	
Mostun [2]	30	31	Nor.	Neptune Shipping Co.	Liverpool, Eng.	Seattle, Wash.	Ballast	
Pereira	27	31	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	549
Service No. 2 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Colon [2]	30		Pan.	Dom. Campodonico	Cristobal, C. Z	Balboa, C. Z	Ballast	
Porto Bello [3]	30	31	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Charles H. Cramp	30	31	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	4,136
Hellen	30	31	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Chile	Ballast	
Wildwood	30	31	Amer.	McCormick S. S. Co.	Norfolk, Va.	Los Angeles, Cal.	General	3,064
Kaimata [2]	31	31	Brit.	Mont.-Aust.-N.Z. Line	Halifax, N. S.	Bluff, N. Z.	General	2,856
Mount Taurus	31	31	Greek	Longis. Mach. & Equip.	Baltimore, Md.	Kobe, Japan	Scrap iron	8,500
Opawa [2]	31	1	Brit.	N. Z. Shipping Co.	Liverpool, Eng.	Auckland, N. Z.	General	7,670
Istmo	30	1	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	750
Bahrein [1]	31	1	Pan.	Standard Oil of Calif.	Rouen, France	Los Angeles, Cal.	Ballast	
Peebles [2]	31	1	Brit.	Canadian Transp. Co.	Rotterdam, Neth.	Brit. Columbia	Ballast	
City of Dalhart [2]	31	1	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Shanghai, China	General	3,267
Delhi [2]	31	1	Swed.	Svenska O. Kompaniet	New York, N. Y.	Kobe, Japan	Scrap iron	7,140

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] For orders. [14] Gasoline and petroleum products. [15] General and automobile parts. [16] General, wool, hides, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Nuevo Panama [2]	31	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pajala [2]	31	1	Swed.	T. A. B. Grangesberg.	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Moldanger [2]	31	1	Nor...	Interocean S. S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Komata	1	2	Brit...	Union S.S. Co. of N. Z.	Glasgow, Scotland	Wellington, N. Z.	Coal, steel	1,882
Arizona	31	2	Fr...	French Line	Havre, France	Valparaiso, Chile.	Iron, general	2,234
Kaituna [2]	1	2	Brit...	Trinder, Anderson Co.	Philadelphia, Pa.	Adelaide, Aust.	General	4,459
Mabriton	1	2	Brit...	R. Chapman & Son	Newport, Eng.	Vancouver, B. C.	Ballast	.....
Sambu [2]	31	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	31	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	31	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirre [2]	31	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	31	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Lieut. Col. H. C. Schumm. [4]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
L-53 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
J-71 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
H. D. Collier [1]	1	2	Amer..	Standard Oil of Calif.	Providence, R. I.	Los Angeles, Cal.	Ballast	.....
Santa Lucia	1	2	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	2,856
Hegira	2	2	Amer..	Weyerhaeuser S.S. Co.	New York, N. Y.	Seattle, Wash.	(14)	6,656
Swiftpool	2	2	Brit...	Sir R. Ropner & Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Trevanion [2]	2	2	Brit...	Hain S. S. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Honolulan	2	2	Amer..	Amer.-Hawaiian Line.	Wilmington, N.C.	S. Francisco, Cal.	Steel, autos	1,030
Bethore	2	2	Amer..	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Janeta	2	2	Brit...	Maclay & McIntyre.	Rotterdam, Neth.	Brit. Columbia	Ballast	.....
Kongsdal [1] [2]	2	2	Nor...	Standard Oil of N. J.	Glasgow, Scotland	Talara, Peru	Ballast	.....
Bradfyne	2	2	Brit...	Mitsubishi Shoji K.	Houston, Tex.	Yokohama, Japan	Scrap steel	8,009
Service No. 1 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Telde	2	3	Hond..	United Fruit Co.	New Orleans, La.	San Jose de Guat.	General	70
Dresden [2]	2	3	Ger...	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	3,814
Utahan	2	3	Amer..	Amer.-Hawaiian Line.	Baltimore, Md.	Portland, Oreg.	Gen., steel	2,623
Rotula [1] [2]	2	3	Neth..	La Corona	Amsterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Cambridge	3	4	Brit...	Fed. Steam Nav. Co.	Liverpool, Eng.	New Zealand	Ballast	.....
Svealand [2]	3	4	Swed..	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
San Bernardino	1	4	Amer..	States S. S. Corp.	New York, N. Y.	Tacoma, Wash.	General	2,220
Epaminondas C. Embiricos.	2	4	Greek.	C. Embiricos	Newcastle, Eng.	Vancouver, B. C.	Ballast	.....
Drechtdyk [2]	2	4	Neth..	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	General	1,473
Edward Luckenbach.	3	4	Amer..	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,482
Nagara Maru [2]	3	4	Jap...	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	(15)	7,750
Ardanbhan	3	4	Brit...	Ross T. Smith & Co.	Barry, England	U.S. Pac. port	Ballast	.....
Steel Voyager	4	4	Amer..	Isthmian S. S. Lines.	Baltimore, Md.	Hilo, T. H.	(16)	1,402
President Garfield	4	4	Amer..	Amer. President Lines	New York, N. Y.	Round the world	Gen., paper	3,422
Flomar	4	4	Amer..	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	3,885
Nero [2]	3	4	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	180
Laila	4	4	Dan...	Wessel, Duval & Co.	Baltimore, Md.	Talcahuano, Chile	General	2,363
City of San Francisco.	4	5	Amer..	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,812
Mataroa	4	5	Brit...	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	6,903
Adamantios	4	5	Greek.	Hasegawa Boeki, Ltd.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Pacific Shipper [2]	4	5	Brit...	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	662
Mollia II [5]	...	...	Amer..	E. N. Brown	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Torvanger	4	5	Nor...	Chile Nit. Sales Corp.	Alexandria, Egypt	Chile	Ballast	.....
Vagabondia [6]	5	5	Amer..	Wm. L. Mellon	Miami, Fla.	Magallanes, Chile.	Ballast	.....
King Edwin [2]	5	5	Brit...	J. J. Moore & Co.	Belfast, Ireland	Vancouver, B. C.	Ballast	.....
Ino [2]	5	5	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	102
Texan	5	5	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,705
No. 9806 [5]	...	...	Amer..	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Lagarto [2]	5	6	Brit...	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile.	General	2,114
Nuevo Panama [2]	5	6	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Aobasan Maru [2]	6	6	Jap...	Mitsui Bussan Kaisha	New York, N. Y.	Moji, Japan	Gas., rosin	8,742
Sage Brush	6	6	Amer..	Shepard S. S. Co.	Boston, Mass.	Seattle, Wash.	General	3,900
O. A. Brodin	6	7	Swed..	Rhederi A. B. Kare	Tampico, Mexico	Corinto, Nic.	Asphalt	1,181
Bronxville [2]	6	6	Nor...	Fern Line	New Orleans, La.	Haiphong, China.	(17)	7,119
Alaska	6	6	Nor...	Canadian Transp. Co.	Rotterdam, Neth	Los Angeles, Cal.	Ballast	.....
Colon [2]	5	...	Pan...	Dom. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirre [2]	5	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Buenos Aires [2]	6	7	Swed..	Johnson Line	Goth'burg, Swed.	Valparaiso, Chile.	General	2,141
Acadia [2]	6	7	Nor...	Maersk Line	Norfolk, Va.	Manila, P. I.	General	6,056
Istmo	6	7	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	715
Wyvern	6	7	Nor...	Mitsui & Co.	Pensacola, Fla.	Muroran, Japan.	Scrap steel	5,606
Kongo Maru [2]	6	7	Jap...	Kokusai K. Kaisya	Baltimore, Md.	Tokuyama, Japan	Oil, copper	8,339
Gretavale	7	7	Brit...	Chile Nit. Sales Corp.	Tyne, England	Chile	Ballast	.....
Europa [2]	7	7	Dan...	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	(18)	480
Patria	7	7	Ger...	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	3,678
Acajutla	31	8	Brit...	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	239
Trois Ilets	4	8	Fr...	French Line	Cristobal. C. Z.	B'ventura, Col.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [14] Coal, oil, general. [15] Steel bar, copper. [16] Automobiles, general, steel. [17] Cotton, lubricating oil, etc. [18] Peat moss, oil, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Chickasaw City	7	8	Amer.	Isthmian S. S. Lines	Portland, Me.	Seattle, Wash.	(14)	3,741
Harpalyeus	7	8	Brit.	State Marine Corp.	Pt. Tampa, Fla.	Yawata, Japan	Scrap steel	8,201
Porto Bello [3]	7	8	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
P-14 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
San Clemente	6	8	Amer.	Quaker Line	New York, N. Y.	Tacoma, Wash.	General	2,431
Boren	7	8	Swed.	Transatlantic S. S. Co.	Hopewell, Va.	James Is., B. C.	Nit. of soda	893
Eurybates [2]	7	8	Brit.	Ocean S. S. Co	New York, N. Y.	Osaka, Japan	General	5,530
Gripsholm [2]	7	8	Swed.	Swedish-Amer. Line	New York, N. Y.	Valparaiso, Chile	Passengers	
Kirkpool	7	8	Brit.	Bulk Carriers Corp.	Cardiff, Wales	Columbia River	Ballast	
Quito [2]	26	8	Ger.	North German Lloyd	Cristobal, C. Z.	Guayaquil, Ecua.	General	445
Daleby	7	8	Brit.	Sir R. Ropner & Co.	Rotterdam, Neth.	Portland, Oreg.	Ballast	
Barneveld	7	8	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	3,441
Sumar [6]	7	8	Amer.	Mrs. S. M. Whitney	Miami, Fla.	Valparaiso, Chile	Ballast	
Rajahstan	7	8	Brit.	Common Bros., Ltd	Norfolk, Va.	Vancouver, B. C.	Ballast	
Robert Luckenbach.	7	8	Amer.	Luckenbach Line	Tampa, Fla.	Tacoma, Wash.	General	7,141
Holystone	7	9	Brit.	Northumbrian S.S.Co.	St. Thomas, V.I.	Vancouver, B. C.	Ballast	
Ramon de Larrinaga.	7	9	Brit.	Canadian Transp. Co.	London, England	Vancouver, B. C.	Ballast	
Tuira [2]	7		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	7		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	7		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Gen. Wm. M. Graham. [11]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Victoria City	8	9	Brit.	States Marine Corp	Mobile, Ala.	Osaka, Japan	Metal, cotton	8,000
Yamazato Maru [2]	8	9	Jap.	Yamashita Line	Buenos Aires, Arg.	Kobe, Japan	General	6,104
Appledore	8	9	Brit.	Anglo-Can. S. S. Co.	Hartlepool, Eng.	Portland, Oreg.	Ballast	
Dakotan	8	9	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	3,048
Tropic Star [2]	8	9	Nor.	Chile Nit. Sales Corp.	Lake Charles, La.	Tocopilla, Chile	Ballast	
Santa Barbara [2]	9	10	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	3,407
Salinas [1]	9		Amer.	U. S. Navy	Houston, Tex.	Balboa, C. Z.	Fuel oil	9,251
Marathon	8	10	Greek	A. Lusi, Ltd.	Philadelphia, Pa.	Kobe, Japan	Scrap iron	8,700
Point Chico	9	10	Amer.	Gulf-Pacific Line	Houston, Tex.	Seattle, Wash.	General	5,350
Beaconsfield	9	10	Brit.	Mitsubishi Line	Beaumont, Tex.	Osaka, Japan	Scrap iron	8,210
Tai Ping Yang [2]	9	10	Nor.	Barber-Wilhelmsen	New York, N. Y.	Osaka, Japan	(15)	6,769
Sambu [2]	7		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	Gen., gas	90
Penelopi	9	10	Pan.	Co. de Nav., Ltd	Barry, England	Seattle, Wash.	Ballast	
Tosca [2]	9	10	Nor.	Chile Nit. Sales Corp.	Flushing, Neth.	Chile	Ballast	
Lebec [1]	9		Amer.	Shell Oil Co.	Curacao, N.W.I.	Balboa, C. Z.	Fuel oil	10,211
Port Nicholson	9	10	Brit.	Port Line	England	Adelaide, Aust.	General	5,213
Pollack [7]	8	10	Amer.	U. S. Navy	Gonaives, Haiti	San Diego, Cal.	Ballast	
Plunger [7]	8	10	Amer.	U. S. Navy	Gonaives, Haiti	San Diego, Cal.	Ballast	
Tasmania [2]	10	10	Dan.	Kawasaki K. Kaisha	New York, N. Y.	Yokohama, Japan	(16)	2,874
Rialto [2]	9	11	Ital.	Italia	Trieste, Italy	Vancouver, B. C.	General	1,461
Oregon Express [2]	10	11	Nor.	Fruit Express Line	Glasgow, Scotland	Los Angeles, Cal.	Ballast	
Petrolite [1] [2]	10	11	Brit.	Tropical Oil Co.	Barranquilla, Col.	B'ventura, Col.	Pet. prod.	1,410
Heffron	10	11	Amer.	Weyerhaeuser S. S. Co.	Newark, N. J.	Tacoma, Wash.	General	2,323

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Franz Klasen [1] [2]	10	11	Pan.	W. Tanskchiff Rhed'i	Talara, Peru	Hamburg, Ger.	Mineral oil	17,164
Seattle [2]	11	12	Ger.	Hamburg-Amer. Line	Vancouver, B. C.	Hamburg, Ger.	General	7,852
Abraham Lincoln [2]	10	12	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	8,249
Ulm [2]	10	11	Ger.	North German Lloyd	Seattle, Wash.	Hamburg, Ger.	Fresh fruit	1,522
Santa Rita [2]	10	12	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	(17)	3,330
Koranton	10	11	Brit.	R. Chapman & Son	Vancouver, B. C.	Hull, England	Grain	9,579
Memphis City	11	11	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	5,752
Nyhaug [2]	11	11	Nor.	Continental Grain Co.	Portland, Oreg.	Vera Cruz, Mex.	Wheat	6,082
Salacia [2]	11	12	Brit.	Donaldson Bros., Black	Victoria, B. C.	Glasgow, Scot.	General	6,973
Peter Kerr	11	12	Amer.	States S. S. Co.	Los Angeles, Cal.	Philadelphia, Pa.	Lumber, gen.	9,066
Tasmania [2]	11	13	Dan.	Kawasaki K. Kaisha	Kobe, Japan	New York, N. Y.	General	1,118
Bogota [2]	12	12	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	(18)	827
Nero [2]	12	15	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee	377
Isthmian	12	12	Amer.	Amer.-Hawaiian Line	Astoria, Oreg.	Baltimore, Md.	Lumber, gen.	7,349
Royal Crown	11	12	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	General	7,865
Romanby	11	12	Brit.	Seaboard Ship. Co.	Wood Fibre, B. C.	Philadelphia, Pa.	Lum., pulp.	7,229
Harry Luckenbach.	12	12	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,710
Marcoui [2]	12	12	Pan.	B. Campodonico	Panama, R. P.	Cristobal, C. Z.	Horses	4
Bethore	13	14	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Ramsay	12	15	Brit.	Col. Sugar Ref. Co	Suva, Fiji Is.	Lands End [13]	Sugar	7,558
Ino [2]	12	15	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, hides	319
California Standard. [1] [2]	12	15	Pan.	Foreign Tankship Corp	El Segundo, Cal.	Hull, England	Gasoline	15,269
Cromarty [2]	13	15	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	Devonport, Eng.	Lum., barley	7,974
Trois Ilets	13	15	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	335

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [11] Mine planter. [13] For orders. [14] General, steel products. [15] General, scrap iron. [16] General, scrap steel. [17] Copper, coffee, bananas. [18] Wood, cafe, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Carica Milica	13	15	J-Slav.	Anglo-Can. S. S. Co.	Pt. Tahsis, B. C.	Liverpool, Eng.	Wheat, lum.	9,100
Lancaster	13	15	Amer.	Weyerhaeuser S.S. Co.	Seattle, Wash.	Norfolk, Va.	Lumber, gen.	9,060
Porto Bello [2]	14	14	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(14)	9
Ruperra	13	15	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Avonmouth, Eng.	Grain, lum.	7,800
Willmoto [2]	13	15	Amer.	Arrow Line	Portland, Oreg.	Baltimore, Md.	Lumber	6,987
Montgomery City	13	15	Amer.	Isthmian S. S. Lines	Vancouver, B. C.	Avonmouth, Eng.	General	8,088
Mahimahi	14	15	Amer.	Matson Nav. Co.	Kaanapali, T. H.	Baltimore, Md.	(15)	8,713
Ceres	14	15	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	4,037
Leipzig [2]	14	15	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,355
Floridian	14	15	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,937
Belnor [2]	14	15	Nor.	Belships Co., Ltd.	Vancouver, B. C.	Bridgetown, Bar.	Lumber, gen.	3,630
Lebec [1]	14	15	Amer.	Shell Union Oil Co.	Los Angeles, Cal.	Bayonne, N. J.	Fuel oil	9,729
Darlington Court [2]	15	16	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	Chatham, Eng.	Wheat, lum.	8,450
Falcon	16	16	Amer.	Grace Line	SanAntonio, Chile	Baltimore, Md.	Nit. of soda.	3,600
California Express. [2]	16	16	Nor.	Fruit Express Line	N.Westm'er, B.C.	Glasgow, Scot.	Fresh fruit	1,747
Svealand [2]	15	16	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,700
Istmo	16	18	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	389
H. D. Collier [1]	16	16	Amer.	Standard Oil of Calif.	Los Angeles, Cal.	Baltimore, Md.	Furnace oil	11,641
Martin Bakke [2]	16	16	Nor.	Knutsen Line	Vancouver, B. C.	Cardiff, Wales	Lumber, gen.	7,756
Yamabiko Maru	16	17	Jap.	Yamashita K. Kaisha	Tsingtao, China	BuenosAires, Arg.	Silk, gen.	3,649
Peru [2]	16	17	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	General	5,784
Pacific Reliance [2]	17	17	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	8,066
City of San Francisco.	16	17	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,026
Republic [3]	16	18	Amer.	U. S. Army	Honolulu, T. H.	New York, N. Y.	General	836
Southgate	17	17	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nitrate	8,500
Salvador	17	23	Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	752
Santa Lucia	17	18	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	6,049
Nuevo Panama [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	81
Orduna	17	18	Brit.	Pacific Steam Nav. Co	Valparaiso, Chile.	Liverpool, Eng.	(16)	7,620
Harpagon	17	17	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	Providence, R. I.	Lumber	8,500
Awata Maru [2]	17	17	Jap.	Nippon Yusen Kaisya	Yokohama, Japan	Hamburg, Ger.	General	6,405
Sambu [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Real [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Sona [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Tuira [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	53
Wyoming	18	19	Fr.	French Line	Astoria, Oreg.	Rotterdam, Neth.	Fruits, gen.	8,220
Akaroa	18	18	Brit.	Shaw, Savill & Albion	Lyttleton, N. Z.	London, England	Frozen, gen.	6,077
Tropic Star	18	18	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	New Orleans, La.	Nitrate	8,330
Germa	18	18	Nor.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Cardiff, Wales	Grain, lum.	6,836
Nevadan	18	19	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,977
Gaelic Star	18	19	Brit.	Blue Star Line	N.Westm'er, B.C.	Liverpool, Eng.	Frozen, gen.	4,063
Naumburg	18	19	Ger.	Hamburg-Amer. Line.	Pt. Pirie, Aust.	Hamburg, Ger.	(17)	5,452
Olympia Maru [2]	19	19	Jap.	Mitsubishi Shoji K.	Kobe, Japan	Hamburg, Ger.	Soy beans	8,526
Vibran [2]	19	19	Nor.	Knutsen Line	Vancouver, B. C.	Cardiff, Wales	Fresh fruit	1,398
Cerigo	19	21	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	(18)	618
Ino [2]	19	21	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides.	425
Point Brava	19	20	Amer.	Swayne & Hoyt	Seattle, Wash.	Tampa, Fla.	General	5,948
Tomislav	19	20	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	8,097
Este	20	20	Ger.	North German Lloyd.	Victoria, B. C.	Hamburg, Ger.	Fruit, gen.	9,679
Krossfonn [1] [2]	20	20	Nor.	Pechelbronn, Paris	La Libertad, Ecu.	Donges, France	Crude oil	13,443
Cuyama [1]	18	20	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Jacob Luckenbach.	20	20	Amer.	Luckenbach Line	Portland, Oreg.	Tampa, Fla.	General	5,145
Trois Ilets	20	21	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	245
Tekoa	20	21	Brit.	N. Z. Shipping Co.	Auckland, N. Z.	Glasgow, Scot.	Frozen, gen.	7,372
Norden [2]	20	21	Dan.	Kawasaki K. Kaisha.	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	6,834
Chattanooga City	20	21	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	(19)	6,127
Alabama	21	21	Fr.	French Line	Valparaiso, Chile.	Liverpool, Eng.	General	8,207
Clio [2]	21	22	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(20)	305
Komaki Maru [2]	21	21	Jap.	Kokusai Kisen Kaisya	Manila, P. I.	New York, N. Y.	General	9,270
Texmar	21	21	Amer.	Calmar S. S. Corp.	Seattle, Wash.	Philadelphia, Pa.	Lumber	7,360
Wearpool [2]	21	21	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Belfast, Ireland	Wheat	8,595
Porto Bello [2]	20	21	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(14)	13
Columbian	22	22	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	4,481
Trehata	22	22	Brit.	Hain S. S. Co.	Vancouver, B. C.	Cobh, Ireland [13]	Wheat	8,148
Rokos Vergottis	22	22	Greek.	Dingwall Cotts & Co.	Vancouver, B. C.	London, England	Wheat, lum.	7,505
Grainton	22	22	Brit.	Empire Shipping Co.	Vancouver, B. C.	Hull, England	(21)	8,795
Fernwood [2]	22	23	Nor.	Fearnley & Eger	Mambaguid, P. I.	Philadelphia, Pa.	Sugar	7,800
Ida Bakke [2]	22	23	Nor.	Knutsen Line	Vancouver, B. C.	Glasgow, Scot.	General	7,301
Istok	22	23	J-Slav.	Seaboard Ship. Co.	N. West'er, B. C.	Leith, Scotland	(22)	8,806
Marore	23	23	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Nonsuco [2]	23	23	P. I.	No. Negros Sugar Co.	Manila, P. I.	New York, N. Y.	General	8,058
Brynje [2]	23	23	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Plymouth, Eng.	Lumber, gen.	6,460
Panaman	23	23	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Boston, Mass.	General	6,569
Wind Rush	23	23	Amer.	Shepard S. S. Co.	Astoria, Oreg.	N. London, Conn.	Lumber, gen.	7,491

[1] Tanker. [2] Motor ship. [3] Transport. [13] For orders. [14] Lumber, plantains. [15] Canned pineapples, general. [16] Copper, tin, general. [17] Lead, wool, hides. [18] Copper, hides, rubber. [19] Lumber, pulp, general. [20] Coffee, tagua, balsa. [21] Wheat, barley, oats. [22] Lead, wheat, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Santa Clara Valley. [2]	23	23	Brit...	Reardon Smith Line..	Vancouver, B. C.	London, England	Wheat, oats.	8,140
Villanger [2].....	23	24	Nor...	Interocean S. S. Co..	Vancouver, B. C.	Rotterdam, Neth.	General.....	7,647
Clausina [1] [2].....	23	24	Neth..	Shell Oil Co.....	Los Angeles, Cal.	Lands End [14]...	(15)	10,949
Port Huon [2].....	20	24	Brit...	Port Line, Ltd.....	Auckland, N. Z..	London, England	(16)	7,322
Harbledown.....	23	24	Brit...	Canadian Transp. Co.	S. Francisco, Cal.	Grangem'h, Scot.	Barley, lum.	8,475
Istmo.....	23	25	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	195
Colon [2].....	23	24	Pan...	Domilius Campodon'o	Darien, R. P....	Cristobal, C. Z..	Bananas....	36
City of Norfolk...	23	24	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General.....	.....
Nuevo Panama [2].	24	24	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	104
Santa Barbara [2]..	24	24	Amer..	Grace Line.....	SanAntonio,Chile	New York, N. Y.	(17)	4,073
Ville D'Amiens...	24	25	Fr....	Messageries Marit'es.	Noumea,N.Caled	Marseille, France	Copra, gen..	4,484
Nozima Maru [2]..	24	25	Jap...	Nippon Yusen Kaisha	Iloilo, P. I.....	New York, N. Y.	Oil, general.	5,458
Paul Luckenbach.	24	24	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	Lumber, gen.	8,100
Pereira.....	24	25	Pan...	Grace Line.....	Champ'ico, Guat.	Cristobal, C. Z..	Gen., logs...	990
West Camargo...	24	25	Amer..	McCormick S. S. Co..	Seattle, Wash...	BuenosAires,Arg.	Lumber, gen.	6,515
Real [2].....	24	25	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	34
Sona [2].....	24	25	Pan...	Elliot Ship. & Land Co.	Darien, R. P ...	Cristobal, C. Z..	Bananas....	32
Sambu [2].....	24	26	Pan...	Elliot Ship. & Land Co.	Darien, R. P ...	Cristobal, C. Z..	Bananas....	53
Tuira [2].....	24	25	Pan ...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	54
Loosdrecht [1] [2]..	25	25	Neth..	Phs. Van Ommeren..	Los Angeles, Cal.	Hamburg, Ger...	Gasoline....	13,941
Hanley.....	25	25	Amer..	Weyerhaeuser S. S. Co	Seattle, Wash...	Newark, N. J....	(18)	10,539
Helga.....	25	25	Dan...	J. Lauritzen.....	Valparaiso, Chile.	New York, N. Y.	Nit., lintels.	2,650
Kaipara [2].....	25	26	Brit...	M. A. N. Z. Line....	Lyttleton, N. Z..	Halifax, N. S....	(19)	2,417
Trebartha.....	25	30	Brit...	Hain S. S. Co.....	Townsville, Aust.	St. Johns, N. B..	Sugar.....	7,187
Arizonan.....	25	26	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass...	Lumber, gen.	7,720
Lebore.....	26	26	Amer..	Ore S. S. Corp.. ...	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,300
Dinteldijk [2].....	26	27	Neth..	Holland-Amer. Line..	Vietoria, B. C...	Rotterdam,Neth.	Fruit, gen...	9,888
Tai Yang [2].....	25	27	Nor...	Barber Line.....	Victorias, P. I...	Norfolk, Va.....	General.....	7,531
Quito [2].....	26	...	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	(20)	677
O. A. Knudsen [1] [2]	26	26	Nor...	Anglo-Saxon Pet. Co	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline....	15,369
Susan V. Luckenbach.	26	26	Amer..	Luckenbach Line....	Everett, Wash. .	New York, N. Y.	General.....	6,865
Clio [2].....	26	28	Neth..	Royal Neth. S. S. Co.	B'ventura, Col..	Cristobal, C. Z..	(21)	507
Gen. Wm. M. Graham. [11]	26	...	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
P-14 [5].....	26	..	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Azumasan Maru [2]	26	27	Jap...	Mitsui & Co.....	Los Angeles, Cal.	New York, N. Y.	General. ...	7,967
Madoera [2].....	26	27	Neth..	Pac. Java Bengal ..	Vancouver, B. C.	Calcutta, India..	General. ...	8,220
W. S. Miller [1]....	27	27	Amer..	Standard Oil of Calif.	Los Angeles, Cal.	Providence, R. I.	Furnace oil.	9,564
Olga E. Embiricos	27	27	Greek.	Seaboard Ship. Co...	Pt. Alberni, B. C.	Manchester, Eng.	Grain, lum..	7,600
San Felipe.....	27	27	Amer..	Pac.-Atlantic S. S. Co.	Portland, Oreg...	New York, N. Y.	Lumber, gen.	6,185
Canada [2].....	27	27	Dan...	East Asiatic Co.....	Vancouver, B. C.	Copenhagen,Den.	General.....	9,446
Evagoras.....	27	27	Brit...	Seaboard Ship. Co...	N. West'er, B. C.	Philadelphig, Pa.	Lum., pulp..	7,400
Santos [2].....	27	27	Swed..	Johnson Line.....	Valparaiso, Chile.	Stockholm, Swed.	General....	5,944
Nero [2].....	27	28	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	(22)	241
Pereira [13].....	27	30	Pan...	Grace Line.....	Balboa, C. Z....	Cristobal, C. Z..	Ballast.....	.....
Trois Ilets.....	27	28	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	176
Zannis L. Cambanis.	27	28	Greek.	Anglo-Can. S. S. Co..	Vancouver, B. C.	London, England	Wheat, lum.	7,330
Chloe.....	27	28	Greek.	Seaboard Ship. Co...	Vancouver, B. C.	Hull, England...	Wheat, lum.	8,080
Porto Bello [2].....	27	28	Pan...	A. Tagaropulos.....	Darien, R. P....	Colon, R. P.....	(23)	8
Morviken [2].....	27	28	Nor...	"K" Line.....	Sieshin, Korea...	Galveston, Tex..	General.....	2,691
W. R. Keever....	28	28	Amer..	Dutton Lumber Corp.	Seattle, Wash...	Camden, N. J...	Lumber....	7,500
Tacoma.....	28	29	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	(24)	8,322
Barendrecht [1] [2] .	28	28	Neth..	W. Tankschiff Rhed'i.	Talara, Peru....	Rotterdam, Neth.	Gasoline....	13,763
Chaumont [8].....	27	30	Amer..	U. S. Navy.....	S. Francisco, Cal.	Norfolk, Va.....	Navy stores.	581
Tacoma Star.....	28	29	Brit...	Blue Star Line.....	N. West'er, B. C.	Liverpool, Eng..	Frozen, gen.	5,823
Frumenton.....	28	29	Brit...	Anglo-Can. S. S. Co..	Vancouver, B. C.	London, England	Grain.....	11,190
Beneruachan.....	28	29	Brit...	G. H. Scales, Ltd....	Picton, N. Z...	London, England	Wool.....	3,200
Maravi.....	28	29	Pan...	United Fruit Co.....	Puntarenas, C. R.	Boston, Mass....	Ballast.....	.....
Thorstrand [2].....	29	29	Nor...	Fred Olsen Line.....	Seattle, Wash...	Rotterdam, Neth.	(25)	1,301
Nurnberg [2].....	28	29	Ger...	North German Lloyd.	Valparaiso, Chile.	Bremen, Ger....	General.....	6,688
Pennmar.....	28	29	Amer..	Calmar Line.....	Seattle, Wash...	Baltimore, Md...	Lum., copper	6,423
Trondanger [2].....	29	29	Nor...	Interocean S. S. Co...	Vancouver, B. C.	Rotterdam, Neth.	Grain, gen..	8,318
Virgilio [2].....	29	30	Ital...	Italian Line.....	Valparaiso, Chile.	Genoa, Italy....	General.....	2,651
Amicus.....	29	30	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Azores [14].....	Nit. of pot..	6,050
Boulderpool.....	29	30	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Newcastle, Eng..	Wheat, lum.	8,000
Goslar.....	29	30	Ger...	North German Lloyd.	Pt.Chalmers,N.Z.	Bremen, Ger....	(26)	7,001
Point Caleta.....	29	30	Amer..	Swayne & Hoyt.....	Seattle, Wash...	New Orleans, La.	Lumber, gen.	7,192
Colon [2].....	29	30	Pan...	Dom. Campodonieo..	Darien, R. P....	Cristobal, C. Z..	Bananas....	32
Nathan [5].....	29	29	Pan...	E. J. Hooper.....	Bayano, R. P....	Cristobal, C. Z..	Balsa wood.	1
Missourian [2].....	29	30	Amer..	Amer.-Hawaiian Line.	Tacoma, Wash..	Boston, Mass....	General.....	6,732
Anniston City....	29	30	Amer..	Isthmian S. S. Lines..	Seattle, Wash...	Avonmouth, Eng.	(27)	7,359
Corabella.....	30	30	Brit...	Anglo-Can. S. S. Co..	Vietoria, B. C...	London, England	(27)	8,152
Santa Inez [2].....	30	30	Amer..	Grace Line.....	Chanaral, Chile..	New York, N. Y.	General.....	3,277

[1] Tanker. [2] Motor ship. [5] Launeh. [8] Transport. [11] Mine planter. [13] Came south for drydocking only. [14] For orders. [15] Kerosene, iso octane. [16] Frozen, wool, general. [17] Copper, coffee, general. [18] Lumber, pulp, fish oil. [19] Wool, pelts, general. [20] Hides, wood, general. [21] Coffee, hides, bottles. [22] Coffee, tagua, hides. [23] Plantains, lumber. [24] Borax, fruit, general. [25] Fresh fruit, eggs. [26] Ore, flour, wool. [27] Grain, lumber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Istmo	29	31	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	198
Baarn	30	30	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,735
Sessa	30	31	Dan.	Wessel, Duval & Co.	Valparaiso, Chile.	New York, N. Y.	General	2,650
Canadian Reefer [2]	30	31	Dan.	J. Lauritzen	Seattle, Wash.	Rotterdam, Neth.	Fruit	1,580
Copiapo [2]	30	31	Chile	Sud Amer. de Vapores	Corral, Chile	Hamburg, Ger.	General	3,158
San Demetrio[1] [2]	30	31	Brit.	Eagle Oil & Ship. Co.	S. Francisco, Cal.	Azores [14]	Gasoline	11,392
San Diego	30	31	Fr.	French Line	Bellingham, Wash	Rotterdam, Neth.	General	6,738
Forbes Hauptman	29	1	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	6,276
Ingersoks	30	31	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nit. of soda.	7,886
Marga	29	31	Nor.	N.-Atlantic & Gulf	Corinto, Nic.	Chester, Pa.	Dyewood	1,800
Annie Johnson [2]	30	31	Swed.	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	General	5,887
Pacific Enterprise[2]	30	31	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	8,630
Daylight [2]	31	31	Amer.	Socony-Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	12,329
Nuevo Panama [2]	31	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	86
City of Baltimore	30	31	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,311
Acajutla	31	...	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	(15)	745
Sambu [2]	30	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Sons [2]	31	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Real [2]	30	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
Pirre [2]	31	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Tuira [2]	30	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Niceto de Larrinaga. [1]	31	1	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Wheat, lum.	8,843
Stensby [2]	31	1	Dan.	East Asiatic Co.	Dairen, China	Cobh, Ireland [14]	Soy beans	6,306
Yomachichi [2]	31	1	Amer.	Roosevelt S. S. Co.	Melbourne, Aust.	Baltimore, Md.	General	6,195
Tigre [2]	1	1	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	6,637
Havelland [2]	1	2	Ger.	Hamburg-Amer. Line.	Manila, P. I.	New Orleans, La.	(16)	6,366
Lautaro [2]	1	2	Brit.	Pacific Steam Nav. Co.	Tocopilla, Chile.	Liverpool, Eng.	General	8,551
Maine	30	2	Amer.	Calif.-Eastern Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,014
Alkmaar	1	2	Neth.	Royal Neth. S. S. Co.	Talcahuano, Chile	Hamburg, Ger.	General	9,118
El Aleto [1] [2]	1	2	Brit.	C. T. Bowring & Co.	Lobitos, Peru	Donges, France.	Crude oil	10,109
Alaskan	2	2	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	6,332
Woodcock [4]	2	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Washington Express. [2]	2	3	Nor.	Fruit Express Line	Vancouver, B. C.	Glasgow, Scot.	Fruit	1,815
Alioth [2]	2	3	Neth.	Empire Shipping Co.	Vancouver, B. C.	Avonmouth, Eng.	(17)	8,825
Orotava	2	3	Hond.	United Fruit Co.	Acajutla, Salv.	New Orleans, La.	Coffee, ban.	621
Nero [2]	2	4	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	(18)	567
Horace Luckenbach.	2	3	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,381
West Cape	3	3	Amer.	McCormick S. S. Co.	Pt. Angeles, Wash.	Baltimore, Md.	Lumber, gen.	7,349
Steelore	3	3	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Moorby [2]	3	3	Brit.	Ropner Shipping Co.	Vancouver, B. C.	Rotterdam, Neth.	Grain, lum.	8,491
Washingtonian	3	3	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	6,884
Sea Thrush	3	4	Amer.	Shepard S. S. Co.	Portland, Oreg.	Providence, R. I.	Lumber, gen.	7,363
Durazzo	3	...	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	(19)	1,069
Trois Ilets	3	...	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	141
Ino [2]	3	5	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(20)	373
Lena Luckenbach	3	4	Amer.	Luckenbach Line	Portland, Oreg.	Tampa, Fla.	General	4,361
Shenandoah [1]	4	5	Amer.	The Texas Co.	Los Angeles, Cal.	Pt. Arthur, Tex.	(21)	8,064
Alphard [2]	4	4	Neth.	Empire Shipping Co.	Vancouver, B. C.	London, England	Grain	8,825
Portland [2]	4	5	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,529
Preradovic	4	5	Y-Slav	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nit. in bags.	8,075
Petrolite [1] [2]	3	5	Brit.	Tropical Oil Co.	Callao, Peru	Barranquilla, Col.	Ballast	.....
Kurdistan	4	5	Brit.	Common Bros., Ltd.	Seattle, Wash.	London, England	Wheat, lum.	8,660
Porto Bello [2]	4	4	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(22)	8
Rangitane [2]	4	5	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	6,534
Leme [2]	4	6	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	General	8,337
Nuevo Panama [2]	4	6	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Lubeck	5	6	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	2,626
Cressington Court [2]	5	5	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Garston, Eng.	Grain, lum.	8,640
Istmo	5	7	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	363
Pirre [2]	5	6	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	20
Colon [2]	5	6	Pan.	Dom. Campodonico	Darien, R. P.	Cristobal, C. Z.	Bananas	39
Lochavon [2]	6	6	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	General	7,918
Firmore	6	6	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
McDougal [9]	6	6	Amer.	U. S. Navy	Los Angeles, Cal.	Cristobal, C. Z.	.....	.....
Winslow [9]	6	6	Amer.	U. S. Navy	Los Angeles, Cal.	Cristobal, C. Z.	.....	.....
McCall [9]	6	6	Amer.	U. S. Navy	Los Angeles, Cal.	Cristobal, C. Z.	.....	.....
Tennessee [13]	6	6	Amer.	U. S. Navy	Los Angeles, Cal.	Cristobal, C. Z.	.....	.....
Modavia [2]	6	6	Brit.	Donaldson Line, Ltd.	Vancouver, B. C.	Glasgow, Scotland	(23)	5,939
Chr. Knudsen [2]	6	6	Nor.	Canadian Transp. Co.	Vancouver, B. C.	Glasgow, Scotland	Lumber, gen.	8,184
Ferncourt [1] [2]	6	7	Nor.	Petrofina, Brussels	Talara, Peru	Dunkerque, Fr.	Crude oil	14,165
Pomona	6	7	Amer.	Weyerhaeuser S.S. Co.	S. Francisco, Cal.	Jersey City, N.J.	(24)	10,400
Oropesa	7	8	Brit.	Pacific Steam Nav. Co.	San Antonio, Chile	Liverpool, Eng.	Copper, gen.	9,608
City of Newport News.	6	7	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	5,176

[1] Tanker. [2] Motor ship. [4] Tug. [9] Destroyer. [13] Battleship. [14] For orders. [15] Coffee, wood, general. [16] Copra, oil, hemp, general. [17] Wheat, barley, oats. [18] Coffee, hides, rubber. [19] Coffee, hides, balsa. [20] Coffee, wood, nuts. [21] Lubricating oil, gasoline. [22] Plantains, lumber. [23] Wheat, fruit, general. [24] Lumber, pulp, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Amerikaland [2]	6	7	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,650
Eugenio DiSavoia	[12] 4	7	Ital.	Italian Government	LaLibertad, Ecua.	Pto. Colombia	[15]	9,389
Duca D'Aosta [12]	4	7	Ital.	Italian Government	LaLibertad, Ecua.	LaGuayra, Venez.	[15]	9,454
Geisha [2]	6	7	Nor.	Knutsen Line	Paita, Peru	Oslo, Norway	General	6,580
Olaf Bergh	6	8	Nor.	East Asiatic Co.	Rashin, Korea	Cobh, Ireland [14]	Soy beans	8,000
Jutland	6	8	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	Liverpool, Eng.	Grain, lum.	9,200
Sona [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	21
Real [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	26
Sambu [2]	7	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Tuira [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	27
Elisabeth Bakke [2]	7	8	Nor.	Knut Knutsen, O.A.S.	Vancouver, B. C.	Cardiff, Wales	[16]	7,362
Mosli [1] [2]	6	8	Nor.	Petroleos Mexicanos	Guaymas, Mexico	Minatitlan, Mex.	Ballast	.....
Californian [2]	7	8	Amer.	Amer.-Hawaiian Line	Seattle, Wash.	Boston, Mass.	General	8,410
City of Delhi	7	8	Brit.	Ellerman & Bucknall	Melbourne, Aust.	Halifax, N. S.	General	3,162
John Cabot	8	...	Brit.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	726
Santa Clara	7	8	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	4,642
Selvistan	8	9	Brit.	Cargill Grain Co.	Portland, Oreg.	United Kingdom	Wheat	8,016
Rhein [2]	8	9	Ger.	Hamburg-Amer. Line	Manila, P. I.	New Orleans, La.	[17]	6,462
Demeterton	8	9	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Avonmouth, Eng.	Grain, gen.	8,285
Fort Richepanse [2]	8	9	Fr.	French Line	Portland, Oreg.	Rotterdam, Neth.	Fresh fruits	2,030
Bogota [2]	8	...	Ger.	Norddeutscher Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	[18]	757
Kentuckian	8	9	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	General	5,233
Urano [1] [2]	4	10	Ital.	Italian Government	Callao, Peru	Curacao, N. W. I.	Ballast	.....
Niel Maersk [2]	9	10	Dan.	A. P. Moller	Iloilo, P. I.	Baltimore, Md.	General	6,390
Dagfred	9	9	Nor.	Continental Grain Co.	Portland, Oreg.	Tampico, Mexico	Wheat	7,776
Abandan [1] [2]	9	10	Swed.	Gibson & Co.	El Segundo, Cal.	Havre, France	Gasoline	9,014
Tuscaloosa City	9	10	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	General	8,410
J. L. Luckenbach	9	10	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,594
Massmar	9	10	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	[19]	6,651
Ino [2]	9	...	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides	204
Kansai Maru [2]	9	10	Jap.	Osaka Shosen Kaisha	Kobe, Japan	Baltimore, Md.	General	7,631
Poseidan	9	10	Ger.	Hamburg-Amer. Line	Pto. Moritt, Chile	Hamburg, Ger.	General	8,422
Marija Petrinovic	9	10	Y-Slav	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores. [14]	Nitrate	8,400
Tudor Star	9	10	Brit.	Blue Star Line	Vancouver, B. C.	Newcastle, Eng.	Refrig., gen.	5,578
Strymon	10	10	Greek	Livanos Marit. Co.	Iquique, Chile	Azores. [14]	Nitrate	7,800
Santa Isabel [2]	10	...	Nic.	Bemabe Guerrero	Corinto, Nic.	Bluefields, Nic.	General	23
Clio [2]	10	...	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	[20]	216
Santore	10	...	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,300
Lerwick	10	...	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Jacksonville, Fla.	Nitrate	8,950
Salinas [1]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Coco Solo, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [12] Cruiser. [14] For orders. [15] Displacement. [16] Lumber, fruit, general. [17] Copra, hemp, ropes. [18] Cacao, hides, coffee. [19] Lumber, copper, pulp. [20] Tagua, coffee, pasta.

Tolls Charges for Transit of the Panama Canal

(Effective March 1, 1938)

1. Complete transit (one way):
   (a) Merchant vessels, yachts, army and navy transports, colliers, hospital ships, and supply ships, when carrying passengers or cargo—
   Per net vessel-ton of 100 cubic feet each of actual earning capacity—that is, the net tonnage determined in accordance with the Rules for the Measurement of Vessels for the Panama Canal $0.90

   NOTE.—Under the Act approved August 24, 1937 (50 Stat. 750, U. S. C., title 48, sec. 1315), the rate of tolls on laden vessels shall not exceed $1.00 nor be less than 75 cents per net vessel-ton determined in accordance with the Rules for the Measurement of Vessels for The Panama Canal.

   (b) Vessels in ballast without passengers or cargo—
   Per net vessel-ton ..... .72

   (c) Other floating craft, including warships, other than transports, colliers, hospital ships, and supply ships—
   Per ton of displacement ..... .50

2. Part transit:
   Vessels returning from Gatun Lake to original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.

3. Free transit:
   Vessels transiting the Panama Canal by prearrangement from Cristobal to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices, including the 20 percent surcharge, to individuals and companies, as of February 15, 1939:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.23
Brass, sheet, average	Lb.	.34
Bronze, Tobin, average	Lb.	.23
Gasoline, motor grade	Gal.	.13
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.18
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.31
Oil, burning, Colza	Gal.	1.02
Oil, engine, gas, light, in drums, No. 2135	Gal.	.25
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.28
Oil, kerosene, in drums	Gal.	.09
Oil, marine, engine	Gal.	.38
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.08
Paint, zinz oxide, in oil	Lb.	.12
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, medium	Lb.	.06
Grease, yellow, cup, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.12
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.; 10 p. m.

From Panama: Daily, 7:05 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

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OFFICIAL PUBLICATION OF THE PANAMA CANAL

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Volume XXXII Balboa Heights, C. Z., March 15, 1939 No. 8

Traffic Through the Panama Canal in February 1939

The total vessels of all kinds transiting the Panama Canal during the month of February 1939, and for the same month in the two preceding years, are shown in the following tabulation:

	February 1939			February	
	Atlantic to Pacific	Pacific to Atlantic	Total	1938	1937
Ocean-going commercial traffic	273	228	501	436	377
Small commercial traffic [1]	43	35	78	73	78
Noncommercial traffic:					
United States Government	19	9	28	34	45
For repairs	.....	.....	.....	1	.....
Total	335	272	607	544	500

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve month period ended February 28, 1939, as compared with the corresponding period ended February 28, 1938:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1938–9	1937–8	1938–9 [3]	1937–8 [4]	1938–9	1937–8	1938–9	1937–8
March	506	536	2,311,526	2,563,000	2,268,548	3,016,418	$2,015,585.34	$2,355,149.04
April	487	473	2,258,836	2,276,000	2,279,235	2,652,880	1,961,456.58	2,067,026.68
May	465	544	2,150,228	2,626,000	2,309,171	2,950,925	1,886,825.66	2,376,706.36
June	445	472	2,064,793	2,266,000	2,122,389	2,670,466	1,801,291.78	2,070,337.89
July	429	457	1,933,816	2,216,000	2,025,660	2,476,366	1,694,205.00	2,029,642.45
August	468	505	2,177,699	2,402,000	2,171,674	2,780,603	1,890,050.74	2,195,308.87
September	438	444	2,005,241	2,139,000	1,998,464	2,385,142	1,741,895.46	1,935,673.78
October	494	461	2,276,194	2,182,000	2,359,673	2,438,788	1,977,706.76	1,981,087.87
November	505	435	2,302,333	2,110,000	2,223,830	2,185,283	1,984,014.72	1,893,462.00
December	509	439	2,336,011	2,070,000	2,374,395	2,046,170	2,031,017.04	1,845,048.20
January	525	444	2,380,916	2,053,000	2,393,360	2,095,402	2,062,454.16	1,837,894.72
February	501	436	2,282,318	1,993,000	2,206,963	1,998,827	1,996,735.66	1,786,611.45
Total	5,772	5,646	26,479,911	26,896,000	26,733,362	29,697,270	23,043,238.90	24,373,949.31

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement.

[3] Panama Canal net tonnage as figured under rules which became effective March 1, 1938.

[4] Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of February 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	43	2,141	$1,650.24	364
Pacific to Atlantic	35	1,876	1,687.68	1,951
Total	78	4,017	3,337.92	2,315

Traffic by Nationality of Vessels [5] for February 1939

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Belgian	1	5,900	$5,310.00	12,483
British	[6] 160	753,684	649,434.82	665,977
Chilean	1	5,011	4,509.90	5,168
Danish	13	51,060	44,994.60	50,300
French	8	36,191	32,571.90	32,179
German	31	134,932	121,061.70	117,341
Greek	12	54,720	45,135.72	54,898
Honduran	4	6,486	5,837.40	1,837
Italian	[7] 8	29,832	34,795.74	18,384
Japanese	18	102,248	92,023.20	110,706
Netherland	26	80,625	71,508.24	49,228
Norwegian	55	249,762	211,120.38	256,676
Panamanian	15	35,857	27,642.42	15,253
Philippine	1	4,805	4,324.50	6,605
Swedish	15	66,579	57,360.60	78,675
United States	126	633,666	562,715.10	689,128
Yugoslav	7	30,960	26,389.44	42,125
Total	501	2,282,318	1,996,735.66	2,206,963

[5] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [6] Includes 6 naval vessels of 24,110 tons displacement. [7] Includes 2 naval vessels of 18,843 tons displacement.

Traffic by Trade Routes for February 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table, the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	45	235,018	159,603	46	231,253	338,879
East coast United States and:						
Canada	6	28,232	893	2	6,856	10,262
Central America/Mexico	3	8,105	5,342	3	4,519	1,658
South America	22	122,743	19,951	19	81,289	211,989
Balboa	1	5,805	2,412	.....	.....	.....
Hawaiian Islands	3	14,510	11,983	1	4,675	3,361
Australasia	6	36,941	33,537	.....	.....	.....
Philippine Islands	8	39,974	50,366	9	45,833	59,677
Far East	24	120,384	185,144	4	24,051	18,971
East coast Canada and:						
United States	1	1,864	.....	.....	.....	.....
Australasia	2	13,452	7,758	2	11,320	9,357
Canada intercoastal	.....	.....	.....	1	5,135	7,770
Central America/Mexico intercoastal	2	7,618	12,969	1	6,264	.....
East coast Central America/Mexico and United States	.....	.....	.....	1	4,422	7,776
South America intercoastal	3	7,664	14,688	2	5,153	8,629
East coast South America and:						
United States	1	4,525	6,146	.....	.....	.....
Canada	.....	.....	.....	1	4,567	6,041
Far East	3	15,754	16,575	1	5,331	2,564
Cristobal and:						
Central America/Mexico	4	2,692	2,239	4	2,692	3,552
South America	15	8,593	4,946	16	9,542	7,113
West Indies and:						
Canada	1	4,268	.....	.....	.....	.....
South America	3	12,455	13,033	1	3,744	.....
Balboa	1	5,128	10,211	.....	.....	.....
Europe and:						
United States	26	125,822	2,003	15	68,025	124,093
Canada	44	224,097	35,269	51	260,449	401,687
Central America/Mexico	3	6,371	4,801	3	10,061	12,501
South America	27	141,949	40,952	21	106,593	178,754
Australasia	10	61,561	37,884	6	45,904	39,167
Far East	1	5,906	5,100	6	28,529	42,807
Egypt and South America	1	4,773	.....	.....	.....	.....
Africa and Canada	.....	.....	.....	1	3,979	6,806
Asia and United States	.....	.....	.....	1	2,663	1,322
Around the world	3	20,579	12,172	1	5,570	6,250
Foreign vessels in ballast (United States intercoastal)	1	4,985	.....	.....	.....	.....
Vessels not engaged in commerce	[8] 3	1,421	.....	[9] 9	710	.....
Total	273	1,293,189	695,977	228	989,129	1,510,986

[8] Three yachts. [9] Eight naval vessels and one yacht.

Origin and Destination of Cargo by Major Areas, February 1939

The following table summarizes the origin of cargo passing through the Canal in February 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	164,927	18,835	247,246	16,465	35,123	482,596
Other North America	1,154	26,098	282	26,546	10,096	64,176
Europe	23,845	17,308	1,621	34,649	36,624	114,047
Miscellaneous	7,194	31	12,142	14,531	1,260	35,158
Total	197,120	62,272	261,291	92,191	83,103	695,977

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	330,618	19,931	230,132	5,678	586,359
Canada	14,942	4,155	293,052	10,158	322,307
Other North America	4,920	4,792	13,571	.....	23,283
South America	210,895	9,293	177,668	8,629	406,485
Australasia	8,363	994	39,167	.....	48,524
Asia	80,541	2,766	40,607	114	124,028
Total	650,279	41,931	794,197	24,579	1,510,986

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during February 1939 or February 1938, are listed below:

Commodity	February		Commodity	February	
	1939	1938		1939	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Asphalt and tar	7,171	10,656	Beans, edible	22,412	12,162
Automobiles and parts	25,955	22,020	Canned goods	72,543	58,750
Canned goods	11,005	10,183	Coffee	15,943	19,764
Cement	16,628	10,227	Cold storage (food products) [10]	26,556	26,847
Coal and coke	18,505	6,231	Copra	12,539	14,233
Cotton, raw	17,285	26,221	Flour	13,952	18,917
Iron and steel	110,769	112,019	Fruit, dried	21,797	17,839
Machinery	15,005	9,279	Fruit, fresh [11]	32,435	42,108
Manufactured goods	11,248	8,979	Lumber	238,735	202,129
Metals, various	34,480	47,819	Metals, various	42,940	54,079
Oils, mineral	91,793	92,950	Nitrates	145,594	196,942
Paper	22,021	26,816	Oats	10,630	5,395
Phosphates	11,861	11,290	Oils, mineral	178,481	155,796
Scrap metal	110,379	32,836	Oils, vegetable	16,358	16,856
Slag	7,547	15,935	Ores, various	155,206	160,765
Sulphur	6,892	17,708	Paper	13,117	6,188
Tinplate	5,902	15,259	Soy beans	33,141	6,186
			Sugar	48,104	81,370
Pacific to Atlantic			Wheat	252,009	68,356
Asphalt and tar	286	11,754	Wood pulp	22,510	11,428
Bananas	1,868	10,242	Wool	7,117	12,720
Barley	27,790	18,040	.....	.....	.....

[10] Except fresh fruit. [11] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of February 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small

items are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts				112
Agricultural implements	1,202	25	4,234	35
Alfalfa meal		562		761
Ammonium compounds	731		2,411	1
Animal foods [12]	67	66	98	66
Apparel, wearing (hats, shoes, clothing, etc.)	112		115	
Asbestos	906	24	3,513	29
Asphalt and tar	89	27	7,171	286
Automobiles (and autotrucks)	6,485		17,351	3
Automobile parts and accessories	966	31	8,604	31
Bags and bagging, textile			474	
Bamboo and products				242
Bananas				1,868
Barks, miscellaneous	103	73	112	609
Barley		68		27,790
Beans, edible, dry	100	6,649	149	22,412
Beer			220	
Beverages, nonalcoholic			45	
Blood and tankage				69
Bones and bone meal			629	
Books and printed matter	35		92	
Borax	20	353	32	9,341
Bran and pollards		13		2,200
Bricks and tile	166		1,164	48
Camphor, crude				10
Canned and preserved goods:				
Fish	612	7,665	859	14,006
Fruit	2,678	21,983	2,782	35,306
Meat	125		882	456
Milk		18	364	132
Soup	3,380	1,761	3,466	1,761
Vegetables	686	9,290	765	9,544
Miscellaneous and unclassified	1,442	8,078	1,887	11,338
Carbon black			510	30
Celite		661		661
Cement	750	12	16,628	12
Chalk			194	
Charcoal	15		15	
Chemicals [12]	3,917	419	7,892	1,197
Clay, china and fire	207	253	1,158	253
Clay, filtering		133		133
Coal	1,832		14,209	
Cocoa and cacao beans	525	40	1,047	574
Coconuts and products [12]	89	677	138	1,213
Coffee	98	120	3,012	15,943
Coke	237	22	4,296	22
Cold storage and refrigerated products:				
Dairy products		22	329	11,947
Eggs				159
Fish			133	1,365
Lard	307		362	
Meats		53	260	12,442
Poultry	200	102	200	192
Vegetables		76		240
Other and unclassified			14	211
Confectionery	886	6	899	6
Copra				12,471
Copra meal and cake			3	68
Corn			282	
Cotton, raw	25	708	17,285	5,747
Creosote			1	
Drugs and medicines	1,809	104	2,351	104
Dyes			29	
Earthenware	45		171	43
Eggs, dried	10		10	
Electrical apparatus and appliances	2,596	103	4,098	146
Enamelware and metalware	127		247	69
Explosives	367		952	17
Extract, quebracho			981	
Fertilizers [12]	577	109	1,632	354
Fish, salted or dry-cured			67	3
Fish meal				2,194
Floor coverings	1,741	629	1,885	1,098
Flour	211	8,467	1,366	13,952
Fruit, dried		10,552	97	21,797

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Fruit, fresh [12]	270	2,449	877	32,435
Furniture and household goods	324	123	431	148
General	13,075	3,866	36,835	9,774
Glass and glassware	1,993	107	5,576	327
Glue	50	.....	80	.....
Grains [12]	.....	.....	33	.....
Groceries	1,523	268	1,834	1,505
Gums	.....	32	.....	189
Hair, all kinds	83	66	83	229
Hay	.....	17	16	62
Hemp, unmanufactured	.....	113	.....	1,987
Honey	.....	26	.....	134
Hops	.....	.....	34	.....
Horns and hoofs	.....	.....	106	5
Infusorial earth	.....	486	.....	1,055
Iron and steel, manufactures of (structural, steel, plates, bars, angles, pipe, etc.)	63,682	846	110,769	897
Ivory nuts	.....	.....	554	1,097
Lard substitute	436	.....	436	38
Lime	14	.....	139	.....
Liquors	2,341	234	3,597	239
Lumber (including manufactured mill products)	980	107,535	5,365	238,735
Machinery	2,772	916	15,005	1,210
Malt	.....	.....	56	.....
Manufactured goods [12]	4,606	338	11,248	951
Marble and granite	38	.....	232	.....
Matches	279	304	399	304
Metals:				
Copper	167	5,586	4,970	22,810
Gold and silver	.....	.....	1,320	107
Iron	697	.....	18,989	20
Lead	.....	1,964	1,081	13,181
Tin	317	231	6,640	1,657
Zinc	293	.....	1,130	4,828
Other and unclassified	140	13	350	337
Milk, powdered	18	92	34	799
Molasses and syrups	205	.....	300	190
Nitrate	1,795	448	3,373	145,594
Nuts, edible (including meats)	85	265	85	1,000
Oats	150	150	150	10,630
Oils, mineral:				
Crude	.....	9,209	13,587	56,628
Gas and fuel	.....	40,797	45,276	40,797
Gasoline, benzine, and naphtha	.....	9,592	13,904	63,463
Kerosene	.....	7,239	1,088	11,684
Lubricating and greases	3,433	5,644	17,849	5,909
Other and unclassified	.....	.....	89	.....
Oils, vegetable:				
Coconut	.....	453	51	13,222
Cottonseed	.....	.....	500	.....
Linseed	1,025	.....	1,212	.....
Olive	124	23	692	23
Rapeseed	.....	.....	.....	195
Teaseed	.....	.....	.....	321
Wood	17	34	17	584
Other and unclassified	509	.....	774	2,013
Oil, fish	60	2,685	145	6,865
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	.....	73	3,465	1,106
Oilseed cake and meal	2,278	.....	2,278	6,777
Ores:				
Antimony	.....	.....	30	323
Chrome	.....	738	10	2,738
Copper	.....	543	218	2,898
Gold and silver	.....	.....	.....	500
Iron	.....	.....	60	133,836
Lead	.....	.....	.....	2,480
Magnesite	.....	1,510	.....	1,510
Manganese	4	.....	471	5,130
Tin	.....	.....	.....	3,665
Zinc	.....	.....	14	1,077
Other and unclassified	.....	5	289	1,049
Paints and varnishes	849	205	2,420	245
Paper and paper products [12]	9,033	7,555	22,021	13,117
Peanuts	436	.....	436	105
Peas, dry	.....	20	.....	88
Peatmoss	.....	.....	673	.....
Phosphates	728	76	11,861	5,976
Plaster	.....	.....	72	.....
Porcelainware	431	124	808	1,477
Potash	.....	802	1,078	802

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Pyrethrum flowers	.....	.....	.....	175
Rags and waste	177	43	485	236
Railroad material	199	.....	1,120	.....
Rice	130	383	652	3,114
Rope and twine	230	26	1,660	279
Rosin	881	42	2,944	45
Rubber:				
Manufactured	1,250	328	1,754	1,239
Raw	.....	.....	83	1,316
Scrap	.....	.....	766	.....
Salt	91	368	1,177	368
Sand	29	.....	2,112	34
Scrap metal	167	258	110,379	1,165
Seeds (except oilseeds)	.....	313	359	699
Sewer pipe (concrete and terra cotta)	.....	.....	12	.....
Shells, oyster	126	.....	126	310
Silk, raw	.....	60	6	1,286
Skins and hides	2	1,458	405	3,526
Slag	.....	.....	7,547	.....
Slate	263	.....	263	.....
Soaps and products	2,022	116	2,152	213
Soda and sodium compounds:				
Soda ash	74	.....	330	3
Soda, caustic	382	.....	813	.....
Miscellaneous and unclassified	593	155	860	662
Soy beans	583	.....	583	33,141
Spices	90	.....	101	8
Sugar	5	12,567	8,277	48,104
Sulphur	92	.....	6,892	16
Talc	27	80	27	321
Tallow	101	523	131	2,199
Tea	148	.....	1,146	870
Textiles [13]	2,837	.....	9,682	3,024
Tinplate	876	40	5,902	40
Tobacco and manufactures	800	155	6,408	402
Toilet preparations	38	.....	91	302
Turpentine	147	.....	530	.....
Vegetables, dry [12]	.....	153	.....	1,082
Wallboard	77	.....	896	551
Wax, paraffin	177	.....	928	244
Wheat	.....	66	34	252,009
Wines	400	1,075	1,110	2,180
Wood pulp	165	17,644	3,506	22,510
Wool	12	1,009	41	7,117
Total, February 1939	164,927	330,618	695,977	1,510,986
Total, February 1938	161,550	246,793	658,617	1,340,210
Total, February 1937	134,346	57,103	636,859	1,202,929

[12] Except as otherwise classified. [13] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of February 1939:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	2	11,217	.....	7	39,838	72,934
East coast United States and:						
Balboa	1	5,805	2,412	.....	.....	.....
Philippine Islands	.....	.....	.....	1	3,694	[14] 6,685
Far East	1	5,923	12,267	.....	.....	.....
Central America/Mexico intercoastal	1	6,264	11,788	1	6,264	.....
South American intercoastal	2	6,694	13,893	2	5,153	8,629
West Indies and:						
South America	2	10,842	9,813	1	3,744	.....
Balboa	1	5,128	10,211	.....	.....	.....
Europe and:						
United States	6	40,522	.....	5	25,851	48,250
South America	5	31,618	.....	4	24,242	47,920
Total	21	124,013	60,384	21	108,786	184,418

[14] Coconut oil.

Comparison of Canal Traffic in February 1939, with February Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of February			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[15] 88	293	424	1915	[16] 100	334	466
1916	([17])	.....	.....	1916	60	184	258
1917	130	428	547	1917	145	447	588
1918	149	450	473	1918	165	506	627
1919	153	473	563	1919	162	472	576
1920	200	650	780	1920	199	659	781
1921	236	848	953	1921	232	879	966
1922	207	820	838	1922	222	880	907
1923	318	1,414	1,563	1923	325	1,434	1,631
1924	415	1,951	2,244	1924	429	2,016	2,249
1925	369	1,654	1,839	1925	382	1,761	1,996
1926	416	1,841	2,139	1926	424	1,909	2,169
1927	435	2,035	2,229	1927	441	2,020	2,311
1928	523	2,274	2,659	1928	521	2,269	2,468
1929	510	2,245	2,549	1929	524	2,299	2,554
1930	475	2,190	2,377	1930	502	2,310	2,502
1931	419	1,973	1,929	1931	447	2,140	2,089
1932	345	1,737	1,645	1932	364	1,829	1,650
1933	344	1,694	1,434	1933	347	1,758	1,513
1934	452	2,277	2,124	1934	436	2,201	2,059
1935	430	2,040	1,836	1935	432	2,143	2,109
1936	452	2,148	2,155	1936	449	2,160	2,209
1937	377	1,795	1,840	1937	467	2,224	2,507
1938	436	1,993	1,999	1938	460	2,163	2,282
1939	501	2,282	2,207	1939 (8 months)	484	2,212	2,219

[15] Canal opened August 15, 1914. [16] Average for 10½ months of fiscal year ended June 30, 1915. [17] Canal closed account of slides.

Terminal Activities

Ships repaired during the month of February 1939 numbered 60. Vessels released from drydock numbered 7. Fuel oil amounting to 316,809 barrels was delivered as bunkers to 146 commercial vessels. Bunker coal amounting to 7,742 tons was delivered to 25 commercial vessels. Sales of commissary supplies to ships aggregated $51,998.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ..... tons	19,610	8,381	27,991
Local cargo shipped ..... tons	2,070	399	2,469
Cargo received for transshipment ..... tons	42,301	195	42,496
Cargo transshipped ..... tons	42,150	53	42,203
"Canal Zone for Orders" cargo:			
Number of receipts issued	6	6	12
Number of releases issued	45	8	53
Tons received	39	26	65
Tons withdrawn	19	4	23

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	574	3,682,296	2,216,615	529	3,107,435	1,893,092
Vessels entering port but not transiting Canal	68	583,929	337,520	8	32,430	21,364
Vessels transiting Canal and handling passengers and cargo at terminal ports	127	780,626	471,966	90	653,892	398,510
Ships clearing						
All vessels, including those transiting Canal	578	3,667,700	2,211,761	526	3,112,320	1,897,216
Vessels clearing port but not transiting Canal	69	566,722	327,871	8	32,430	21,364
Vessels transiting Canal and handling passengers and cargo at terminal ports	128	784,286	475,525	89	644,755	394,671

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight February 10, 1939, to midnight March 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Clio, 237, 34
Colombo, 157, 1
Canada, 89, 26
Argentina, 109, 193
Colombie, 117, 35
Osnabruck, 180, 217
Wandsbek, 23, 297
Istmo, 388, 182
Santa Elena, 125, 198
San Angelo, 344, 11
Chiriqui, 41¼, 201
Caymanian, 0, 7
Kirisima Maru, 252, 0
Knute Nelson, 29, 19
Orbita, 74, 704
Maui, 313, 0
Damsterdijk, 139, 3 cases
West Nilus, 41, 0
Cefalu, 423, 734
Rhakotis, 22, 336
Colombie, 0, 416
Trois Ilets, 366, 48
Salvador, 1,117, 377
Real, 0, 21
Santa Maria, 459, 15
San Jose, 117, 114
Caribia, 37, 659
Ville de Strasbourg, 0, 16
Musa, 971, 1
Mendocino, 12,174, 0
Ancon, 3,985, 874
Oakland, 101, 76
Bordeaux Maru, 231, 0
Jamaica, 279, 416
Orotava, 384, 332
Mantilla, 8,757, 0
Clio, 375, 319
Nero, 147, 198
Cerigo, 364, 173
Duesseldorf, 61, 600
Sixaola, 130, 79
American Press, 1,174, 1,314
Santa Inez, 215, 167
Helga, 0, 70
Laurits Swenson, 50, 551
Telde, 561, 528
Breda, 190, 196
Spreewald, 7, 283
Douro, 289, 277
Bogota, 8, 557
San Antonio, 198, 237
Kinai Maru, 215, 166
Istmo, 816, 259
Sesostris, 49½, 74
Nordstjernan, 9, 409
Santa Rosa, 265, 87
Talamanca, 118½, 703
El Mirlo, 13,815, 0
R. L. Hustler, 1½, 0
Costa Rica, 0, 892
Vinni, 297, 20
Inn, 22, 90
Mussolini, 135, 0
Monserrate, 97, 0
Contessa, 603, 872
Trois Ilets, 237, 55
Sambu, 0, 25
Santa Rita, 177, 0
Laguna, 4, 157
Santa Clara, 215, 41
Platano, 712, 143
Peter Kerr, 475, 1
Veragua, 117, 821
Alaska, 81, 283
Nero, 450, 162
Quito, 518, 463
Pereira, 831, 1,037¼
Roda, 119½, 565
Tai Shan, 922, 0
Cadmus, 7, 186
Esso Baltimore, 1,841, 0
Ulua, 604, 391
Guayaquil, 1,549, 378
Ino, 232, 128
Amerika, 0, 54
Donau, 139, 76
Schwaben, 71, 368
Yamagiri Maru, 404, 0
Istmo, 753, 210
Wanderer, 161, 0
Lochkatrine, 88, 282
Imperial, 61, 0
Isar, 107, 64
Dortmund, 1 pkg., 0
Simon Bolivar, 30, 93
Kinikawa Maru, 751, 0
Santa Paula, 183, 95
Quirigua, 34. 287½
Margaret Lykes, 274, 334
Lochgoil, 184, 31
Silverbelle, 1,293, 0
San Mateo, 76, 21
Fella, 192, 85
Acajutla, 965, 0
Wisconsin, 85, 182
Leipzig, 47, 1,500
Cefalu, 639, 609
Nosiro Maru, 174, 191
Real, 0, 2½
West Ira, 503, 0
Leikanger, 55, 18
Asuka Maru, 115, 53
Axel Johnson, 156, 67
Musa, 3,236, 80
Bretagne, 115, 2
Santa Lucia, 584, 115¼
Cristobal, 3,607, 914
Balboa, 1, 0
Santa Maria, 560, 23
Dido, 132, 321
Chiriqui, 41, 335
Valparaiso, 52, 137
Cellina, 112, 1
Telde, 160, 540
Durazzo, 772, 624
Muenchen, 91, 134
Santa Marta, 264, 79
Nero, 432, 543
Boskoop, 91, 598
Orotava, 506, 469
Bretagne, 0, 336
Reina del Pacifico, 89, 92
Port Montreal, 51, 454
Sea Star, ¾, 0
Trois Ilets, 354, 113
Tosan Maru, 293, 0
Istmo, 689, 336
Cerigo, 18, 224
Clio, 122, 354
Peter Maersk, 597, 50
Contractor, 222, 0
Douro, 261, 45
Jamaica, 114, 487½
Cordillera, 133, 47
Seattle, 142, 391
Simon Bolivar, 4, 1,082
Aconcagua, 0, 16
Acajutla, 0, 507
Santa Elena, 160, 93
Sambu, 0, 28
Contessa, 361, 707
Real, 0, 73
Santa Barbara, 146, 79
John Cabot, 899, 512
Erria, 20, 139
Wandsbek, 166, 120
Platano, 1,079, 11
Patria, 158, 253
Lochmonar, 232, 248
Orduna, 37, 758
Talamanca, 129, 652
Chile, 208, 296
Bogota, 627, 774
Kansai Maru, 0, 288
Weser, 55, 230
Santa Rita, 400, 92¼
Toloa, 776, 162
San Felipe, 903, 0
Bachaquero, 7,052, 0
Buenaventura, 2,274, 425

BALBOA

Knute Nelson, 1,031, 0
John Cabot, 0, 1
Santa Maria, 5, 0
Republic, 359, 74
Stranger, 0, 1
Salvador, 2, 0
Santa Maria, 11,548, 0
Nitro, 42, 1
Santa Inez, 145, 5
San Rafael, 848, 0
Margrethe Bakke, 1,008, 0
Motatan, 1,727, 0
City of Los Angeles, 360, 0
Salvador, 0, 1
Santa Clara, 203, 13
Trontolite, 0, 1
Tai Shan, 228, 0
Esso Baltimore, 3,096, 0
Heiyo Maru, 35, 0
City of San Francisco, 411, 0
West Ira, 1,243, 51
Santa Lucia, 3, 0
Acajutla, 1, 0
San Mateo, 949, 0
Pereira, 0, 2
Santa Maria, 199, 13
Munchen, 65, 0
President Adams, 2, 0
Peter Maersk, 204, 0
City of Norfolk, 512, 0
Santa Barbara, 2, 0
Washington, 144, 0
Sirius, 12, 0
Samuel Bakke, 60, 0
Abraham Lincoln, 543, 0
Chateau Thierry, 903, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

During February 1939, ocean-ship passengers debarking at Cristobal numbered 1,828, embarking 1,629; at Balboa, 416 debarking, 516 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 6,950; from the Pacific to the Atlantic, 1,322. Commercial aircraft numbering 47 entered Cristobal, 236 passengers debarking; clearances were 48 with 275 passengers embarking. Balboa entries of aircraft numbered 47, with 151 passengers debarking; clearances were 47, with 128 passengers embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.65 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal

From midnight February 10, 1939, to midnight March 10, 1939

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Arawa	10	11	Brit.	Shaw, Savill & Albion	London, England	Timaru, N. Z.	General	4,000
El Oso [1]	8	11	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	Cabo Bl'co, Peru	Ballast	
City of Norfolk	11	11	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,656
Ino [2]	10	11	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	216
Peru [2]	11	11	Dan.	J. H. Winchester & Co.	New York, N. Y.	Kobe, Japan	Scrap iron	9,380
Emergency Aid	11	11	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	3,870
Durazzo	4	12	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Paita, Peru	General	249
Clio [2]	11	12	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	31
Arimasan Maru [2]	11	12	Jap.	Mitsui Senpakubu	Boston, Mass.	Moji, Japan	Gen.,gasoline	7,933
Nebraskan	11	12	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,320
Nyhaug [2]	11	12	Nor.	Chile Nit. Sales Corp.	Galveston, Tex.	Tocopilla, Chile	Ballast	
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
Colombo	11	12	Ital.	Italian Line	Genoa, Italy	Valparaiso, Chile	General	629
Adventure [6]	11		Amer.	Alden & Mary Bryan	Miami, Fla.	California	Ballast	
Brandon	11	12	Brit.	Anglo-Can. S. S. Co.	N. Shields, Eng.	Vancouver, B. C.	Ballast	
Julia Luckenbach	12	12	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., wire	3,823
Ettrickbank [2]	12	13	Brit.	The Bank Line, Ltd.	Tampico, Mex.	Adelaide, Aust.	General	8,700
Port Adelaide	11	12	Brit.	Port Line	Liverpool, Eng.	Fremantle, Aust.	General	6,931
Argentina [2]	12	13	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., cement	3,895
Ardangorm	12	13	Brit.	Ross T. Smyth & Co.	Hull, England	Portland, Oreg.	Ballast	
Port Brisbane	12	13	Brit.	Port Line	New York, N. Y.	Dunedin, N. Z.	Gen.,oranges	2,188
Henry S. Grove	12	13	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Los Angeles, Cal.	General	3,212
Alamar	12	13	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Gen., steel	4,650
Coloradan	12	13	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	4,261
W. S. Miller [1]	13	13	Amer.	Standard Oil of Calif.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Knute Nelson [2]	13	14	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	4,931
John Cabot	8	13	Brit.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	610
Istmo	12	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	540
Wandsbek	12	13	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	1,591
Orbita	13	14	Brit.	Pacific Steam Nav.Co.	Liverpool, Eng.	SanAntonio,Chile	General	2,427
San Angelo	13	14	Amer.	Quaker Line	Norfolk, Va.	Seattle, Wash.	Autos, gen.	2,530
Colon [2]	12		Pan.	Dom. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Gen. Wm. M. Graham. [11]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Porto Bello [3]	13	14	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Republic [8]	13	14	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,793
Warlaby	13	14	Brit.	Ropner Shipping Co.	N. Shields, Eng.	Portland, Oreg.	Ballast	
Lebore	13	14	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Athelmonarch [1] [2]	13	14	Brit.	Asano Bussan	Greenock, Scot.	Los Angeles, Cal.	Ballast	
Damsterdijk [2]	13	14	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	2,806
Somersby	13	14	Brit.	Sir R. Ropner & Co.	Barry, England	Portland, Oreg.	Ballast	
Wellington Court.	13	14	Brit.	Court Line, Ltd.	Barry, England	Coos Bay, Oreg.	Ballast	
W. S. Rheem [1]	14	14	Amer.	Standard Oil of Calif.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Ampetco [1] [2]	14	15	Belg.	Standard Oil of Venez.	Caripito, Venez.	Tocopilla, Chile	Fuel oil	12,483
West Nilus	14	15	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Seattle, Wash.	General	6,146
Lt. Col. H. C. Schumm.[4]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Elg [2]	14	15	Nor.	Canadian-Gulf Line	Rotterdam, Neth.	Chile	Ballast	
Mosfruit [2]	14	15	Nor.	Martin Mosvold	Hook of Holland	Los Angeles, Cal.	Ballast	
Nereus	14	15	Greek.	E. E. Hadjilias & Co.	Amsterdam, Neth	Los Angeles, Cal.	Ballast	
Nuevo Panama [2]	14		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Bremen	15	16	Ger.	North German Lloyd	New York, N. Y.	New York, N. Y.	Passengers	
Heranger [2]	14	15	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Cuttlefish [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tilsington Court.	15	15	Brit.	Canadian Transp. Co.	Cardiff, Wales	Estevan, B. C.	Ballast	
Nurtureton	15	16	Brit.	Empire Ship. Co.	Newport, Eng.	Vancouver, B. C.	Ballast	
Marit II [1]	15	16	Nor.	Standard Oil of N. J.	Aruba, N. W. I.	SanAntonio,Chile	Fuel oil	9,813
Ulm [2]	15	16	Ger.	North German Lloyd.	Hamburg, Ger.	Seattle, Wash.	Ballast	
Trois Ilets	14	16	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	86
Sambu [2]	14		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	14		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Tuira [2]	14		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Real [2]	14		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Enoch [3]	15		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [13]		20
Ville de Strasbourg.[1]	15	16	Fr.	Messageries Marit'es.	Marseille, France	Noumea, New Caledonia.	General	3,057
Cornish City	15	16	Brit.	Mitsubishi & Co.	Tampa, Fla.	Osaka, Japan	Phosphate	9,006
Oakland [2]	16	16	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	2,285
Arkansan	16	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,025
Ellin	15	17	Greek.	Shipboard S. S. Co.	Hull, England	Brit. Columbia	Ballast	
President de Vogue. [1] [2]	16	17	Nor.	Comp.desProd.Chim. et Raff. de Berre.	Port de Bouc, France.	Talara, Peru	Ballast	
Orotava	16	17	Hond.	United Fruit Co.	New Orleans, La.	Puntarenas, C. R.	General	130
Royal Sceptre	16	17	Brit.	Hall Bros. S. S. Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [7] Submarine. [11] Mine planter.
[13] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Washington	17	18	Amer.	United States Lines	New York, N. Y.	S. Francisco, Cal.	General	1,503
Volita [6]	5	...	Amer.	E. R. Woodfall, Jr	Boston, Mass.	Galapagos Island	Ballast	.....
Steel Navigator	17	17	Amer.	Isthmian S. S. Lines	New York, N. Y.	Round the world	(15)	5,418
FrangoulaB.Goulandris.	17	17	Greek.	Goulandris Brothers	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Nitro [13]	16	20	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	General	3,001
Parthenia	17	17	Brit.	Donaldson & Black	Glasgow, Scot.	Vancouver, B. C.	General	1,499
Mount Cynthos	17	18	Greek.	Rethymnis Kulukundis	Portland, Me.	Kobe, Japan	Scrap iron	6,675
President Monroe	17	18	Amer.	Amer. President Lines	New York, N. Y.	Round the world.	General	3,728
Clarissa Radcliffe.	17	18	Brit.	Radcliffe & Co.	Norfolk, Va.	Portland, Oreg.	Ballast	.....
Point Judith	17	18	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	4,877
Cornwall	17	18	Brit.	FederalSteamNav.Co.	Swansea, Eng.	Auckland, N. Z.	General	6,524
Dusseldorf [2]	17	18	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	5,440
Venecia [5]	...	...	Amer.	Donald Cummings	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
NieuwAmsterdam	17	19	Neth.	Holland-Amer. Line	New York, N. Y.	Valparaiso, Chile.	Psgrs. only	.....
Santa Inez [2]	17	18	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	1,781
Nero [2]	16	18	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	180
Ingerseks	17	18	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Chile	Ballast	.....
Lady Glanely [2]	17	18	Brit.	Seaboard Ship. Co.	S. Shields, Eng.	Los Angeles, Cal.	Ballast	.....
Harry Luckenbach.	17	18	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,427
Rangitata [2]	18	19	Brit.	N. Z. Shipping Co	London, England	Wellington, N. Z.	Gen., frozen	4,780
Helga	18	19	Dan.	J. Lauritzen	New York, N. Y.	Talcahuano,Chile	General	2,405
Clio [2]	16	19	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	290
Hollywood	18	19	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	5,758
Nemanja	18	19	J-Slav.	Chile Nit. Sales Corp.	Scheidam, Neth.	Chile	Ballast	.....
Irisbank [2]	18	19	Brit.	A. Weir & Co.	Savannah, Ga.	Shanghai, China.	General	3,681
Marore	18	19	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Wanderer [5]	...	...	Amer.	H. L. Brazeal	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Spreewald [2]	18	19	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Cebu, P. I.	Cotton, oil	7,833
Floridan	18	19	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,174
Pacific President [2]	18	19	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	506
Margrethe Bakke [2]	18	20	Nor.	Knutsen Line	Goth'burg, Swed.	Talcahuano,Chile	General	3,622
Breda	18	19	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,392
Bogota [2]	18	19	Ger.	North German Lloyd.	Barranquilla,Col.	Guayaquil, Ecua.	Gen., salt	795
Ambassador	19	20	Brit.	Hall Bro. S. S. Co.	Immingham,Eng.	Auckland, N. Z.	Basic slag	7,200
San Antonio	19	20	Fr.	French Line	Havre, France	Vancouver, B. C.	General	5,471
Tuira [2]	18	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	18	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
King Frederick	19	20	Brit.	Canadian Transp. Co.	Philadelphia, Pa.	Vancouver, B. C.	Ballast	.....
Istmo	19	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	822
Memphis City	19	20	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Seattle, Wash.	Steel, gen	3,431
Schuykill [1] [2]	20	20	Brit.	Standard Oil of N. J.	Plymouth, Eng.	Los Angeles, Cal.	Ballast	.....
Mount Othrys	20	20	Pan.	Emanuel Marcou	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Isthmian	20	20	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	Gen., steel	4,055
Nordstjernan [2]	20	21	Swed.	Johnson Line	Malmo, Swed.	Valparaiso, Chile.	General	1,687
Liberty Glo	20	21	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	2,284
Goodleigh	20	21	Brit.	Seaboard Lumber Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Oakmar	20	21	Amer.	Calmar Line	Baltimore, Md.	Tacoma, Wash.	Steel, gen	5,660
Service No. 2 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Norman Monarch	20	21	Brit.	Seaboard Ship. Co.	Dunston, Eng.	Vancouver, B. C.	Ballast	.....
San Cipriano [1] [2]	21	21	Brit.	Anglo-Saxon Pet. Co.	S'ampton, Eng.	S. Francisco, Cal.	Ballast	.....
Gracia	21	21	Brit.	Donaldson S. A. Line	Glasgow, Scot.	Vancouver, B. C.	General	882
Trecarrell	21	21	Brit.	Hain S. S. Co.	Cardiff, Wales	W. coast, N. A.	Ballast	.....
Heronspool	21	22	Brit.	Seaship	N. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Salvador	14	22	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	377
Cingalese Prince [2]	21	22	Brit.	Prince Line	New York, N. Y.	Saigon, China	General	5,022
Mussolini [2]	21	...	Pan.	Dom. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Jacob Luckenbach	21	22	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General	6,455
City of Winchester	21	22	Brit.	Ellerman & Bucknall	Philadelphia, Pa.	Brisbane, Aus'lia.	General	5,199
Inn	21	22	Ger.	North German Lloyd	Hamburg, Ger.	Champ'ico, Guat.	General	3,210
Nuevo Panama [2]	21	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Porto Bello [3]	21	22	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Lowther Castle	21	22	Brit.	Chile Nit. Sales Corp.	Flushing, Neth.	Tocopilla, Chile.	Ballast	.....
Steel ore	21	22	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
El Mirlo [1] [2]	20	22	Brit.	C. T. Bowring & Co.	Curacao, N.W.I.	Cabo Bl'co, Peru	Ballast	.....
Ewa	22	23	Amer.	Matson Nav. Co	Mobile, Ala	Honolulu, T. H.	Corn, steel	6,657
Saugor	22	23	Brit.	Jas. Nourse, Ltd.	Pt. Arthur, Tex.	Yokohama,Japan	(16)	7,805
Trois Ilets	21	23	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	55
John Bakke [2]	22	23	Nor.	Knutsen Line	Stugsund, Swed.	Alameda, Calif.	Wood pulp	2,003
Agios Vlassios	22	23	Greek.	John D. Chandris	Boston, Mass.	Osaka, Japan	Scrap iron	7,040
Dalcross	22	23	Brit.	UnitedSteamNav.Co.	Barry, England	Papeete,TahitiIs.	Coal	3,201
Port Halifax [2]	22	23	Brit.	Mont.-Aust.-N.Z.Line	St. John, N. B.	Dunedin, N. Z.	General	2,545
Nozima Maru [2]	22	23	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	Gen., asbestos	7,487
Cuango [2]	22	...	Pan.	E. Pucci	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Real [2]	21	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Athos [1] [2]	22	23	Nor.	B. Hanssen & Co.	Corpus Ch'ti,Tex.	Yokohama,Japan	Crude oil	12,267

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] Auxiliary [15] Steel, automobiles, general. [16] Scrap iron, coke.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Santa Clara	22	23	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,730
Semmes [13]	1-24	...	Amer.	U. S. Navy	U. S. port	Balboa, C. Z.	Ballast	.....
S-20 [7]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Liontios Teryazos	23	23	Greek	Theodoros Teryazos	New York, N. Y.	Kobe, Japan	Scrap iron	7,066
Laguna [2]	22	24	Brit.	Pacific Steam Nav. Co.	Hull, England	Valparaiso, Chile.	General	1,938
Kurow	23	24	Brit.	Union S. S. Co. of N. Z.	Glasgow, Scotland	Lyttleton, N. Z.	Coal	977
Ormes	23	24	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	846
Gryfevale	23	25	Brit.	Chile Nit. Sales Corp.	Tyne, England	Chile	Ballast	.....
Mosli [1] [2]	23	24	Nor.	Petroleos Mexicanos	Puerto Mexico	Mazatlan, Mexico	([15])	11,788
Edda	23	24	Ital.	North German Lloyd.	Hamburg, Ger.	Seattle, Wash.	Ballast	.....
Sambu [2]	21	23	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	General	60
Nevadan	23	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,951
Peter Kerr	23	24	Amer.	States S. S. Co.	New York, N. Y.	Seattle, Wash.	Gen., steel	5,796
Temple Moat	23	24	Brit.	Mitsui & Co.	Baltimore, Md.	Moji, Japan	Steel slabs	7,083
Alaska	23	24	Fr.	French Line	Antwerp, Belgium	Valparaiso, Chile.	General	2,164
Uffington Court	24	24	Brit.	Canadian Transp. Co.	New York, N. Y.	Puntarenas, C. R.	([16])	5,043
Hadleigh	24	24	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Anna Maersk [2]	24	25	Dan.	A. P. Moller	Boston, Mass.	Manila, P. I.	General	6,482
Roda [2]	24	25	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	3,231
Esso Baltimore [1]	24	26	Amer.	Standard Oil of N. J.	New York, N. Y.	Los Angeles, Cal.	([17])	2,412
Donau	24	25	Ger.	North German Lloyd.	Hamburg, Ger.	Portland, Oreg.	General	2,829
Silveray [2]	24	25	Brit.	Kerr S. S. Co.	New Orleans, La.	Vancouver, B. C.	Ballast	.....
Nero [2]	23	25	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	147
Firmore	24	25	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Ino [2]	24	25	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	116
City of Newport News.	25	26	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	4,016
King John [2]	24	25	Brit.	Dodd, Thomson & Co.	Belfast, Ireland	Vancouver, B. C.	Ballast	.....
Lancaster	24	25	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Everett, Wash.	General	3,158
Amerikaland [2]	25	26	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Barrwhin	25	25	Brit.	Canadian Transp. Co.	Norfolk, Va.	Vancouver, B. C.	Ballast	.....
Theofano Livanos	25	26	Greek	Mitsubishi Line	New York, N. Y.	Japan	Scrap iron	8,133
Paul Luckenbach	25	26	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,707
Quito [2]	23	26	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	240
Oremar	25	26	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,430
Vojvoda Putnik	25	26	J-Slav.	Chile Nit. Sales Corp.	Flushing, Neth.	Chile	Ballast	.....
Redgate	25	26	Brit.	North Atl.-Gulf Co.	Philadelphia, Pa.	Guayaquil, Ecua.	Sugar	4,276
Panaman	25	26	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,819
Atlantic	26	26	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Hilo, T. H.	General	3,924
Fantome [6]	26	27	Brit.	Hon. A. E. Guiness	S'ampton, Eng.	S. Francisco, Cal.	Ballast	.....
Chilean Reefer [2]	26	26	Dan.	J. Lauritzen	St. John, N. B.	Seattle, Wash.	Ballast	.....
Hazelside	26	26	Brit.	Canadian Transp. Co.	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Dortmund	26	26	Ger.	Hamburg-Amer. Line.	Galveston, Tex.	Auckland, N. Z.	([18])	6,060
Anatina [2]	26	27	Nor.	W. I. Trading Co.	Landskrona, Swed	S. Francisco, Cal.	Ballast	.....
Istmo	25	27	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	700
Montevideo Maru	[2]26	27	Jap.	Osaka Shosen Kaisha	Buenos Aires, Arg.	Yokohama, Japan	General	3,768
Everleigh	26	27	Brit.	Atl. Ship. & Trad. Co.	Barry, England	British Columbia.	Ballast	.....
Vibran [2]	26	27	Nor.	Knutsen Line	Cardiff, Wales	Pto. Arm'les. R. P.	Ballast	.....
Rio Branco [2]	26	27	Nor.	Chile Nit. Sales Corp.	New York, N. Y.	Tocopilla, Chile	Ballast	.....
Nathan [2]	26	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	20
California Standard. [1] [2]	27	27	Pan.	Foreign Tankship Corp.	Hull, England	Los Angeles, Cal.	Ballast	.....
Pacific Exporter [2]	27	27	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	635
Cape St. George	27	27	Brit.	Sun Shipping Co.	Baltimore, Md.	Manila, P. I.	Coal	7,410
British Columbia Express. [2]	27	27	Nor.	Fruit Express Line	Glasgow, Scotland	N. Westm'er, B.C.	Ballast	.....
Tokai Maru [2]	27	27	Jap.	Osaka Shosen Kaisha.	Hamburg, Ger.	Dairen, China	General	5,100
Yamakaze Maru [2]	27	28	Jap.	Yamashita K. Kaisha.	Buenos Aires, Arg.	Shanghai, China.	Cotton, gen.	6,703
El Ciervo [1]	27	28	Brit.	Ref. La Isaura, S. A.	Cardiff, Wales	Lobitos, Peru	Ballast	.....
Mussolini [2]	26	...	Pan.	Dom. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
California Express	[2]27	28	Nor.	Fruit Express Line	Glasgow, Scotland	Seattle, Wash.	Ballast	.....
Astra	27	28	Nor.	North Atl.-Gulf Co.	Cardenas, Cuba	Guayaquil, Ecua.	Sugar	3,220
Escupe Fuego [2]	27	28	Nic.	Gilberto Saborio	Pt. Limon, C. R.	Puntarenas, C. R.	Ballast	.....
Ross [2]	27	28	Brit.	Anglo-Can. S. S. Co.	Rotterdam, Neth.	N. Pac. coast ports	Ballast	.....
Nonsuco [2]	27	28	P. I.	No. Negros Sugar Co.	New York, N. Y.	Iloilo, P. I.	([19])	6,605
San Mateo	27	1	Fr.	French Line	Havre, France	Vancouver, B. C.	([20])	3,945
Pereira	23	28	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,013
Lochgoil [2]	27	28	Brit.	No. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	Gen., refrig.	1,681
Franz Klasen [1] [2]	27	28	Pan.	W. Tankschiff Rhed'i.	Amsterdam, Neth	Talara, Peru	Ballast	.....
Herstein [2]	27	28	Nor.	States Marine Corp.	Baltimore, Md.	Moji, Japan	Scrap, mach.	8,301
Rossington Court	28	28	Brit.	Anglo-Can. S. S. Co.	Barry, England	S. Francisco, Cal.	Ballast	.....
Anglo Indian	28	28	Brit.	Canadian Transp. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Steelmaker	28	1	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Seattle, Wash.	Gen., steel	4,136
Nordlys	28	1	Dan.	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile	Ballast	.....
Nuevo Panama [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Porto Bello [3]	28	28	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [13] Auxiliary. [14] For bananas and return to Cristobal. [15] Fuel oil, kerosene. [16] Creosoted ties and bridge material. [17] Gasoline and kerosene. [18] Oil, general, sulphur. [19] Scrap iron, general. [20] General, sand, coke, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Fordsdale	28	1	Brit.	Shaw, Savill & Albion	Glasgow, Scot.	Bluff, N. Z.	General	5,708
Columbian	1	1	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	3,884
Lima	27	2	Peru	Agencia Aguirre, S. A.	Mobile, Ala	Callao, Peru	(15)	631
Leikanger	1	1	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	General	5,605
Steel Inventor	1	2	Amer.	Isthmian S. S. Lines	Mobile, Ala	Seattle, Wash.	Steel, gen.	8,466
King Malcolm [2]	1	1	Brit.	N. Pac. Shipping Co.	Cardiff, Wales	Los Angeles, Cal.	Ballast	
Real [2]	28		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	General	15
La Union [2]	28		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	28		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Wind Rush	1	2	Amer.	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash.	General	4,767
Ward [2]	2	2	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Adelaide, Aus'lia.	General	2,930
Willmoto [2]	2	2	Amer.	Arrow Line	Baltimore, Md.	Tacoma, Wash.	General	4,612
Leipzig	28	2	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,827
Azumasan Maru [2]	2	2	Jap.	Mitsui & Co.	Philadelphia, Pa.	Moji, Japan	Steel, rosin.	5,578
Santa Maria [2]	2	3	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,056
Santore	2	2	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Komaki Maru [2]	2	3	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Cotton, steel	7,919
Balboa [2]	2	3	Swed.	Johnson Line	Goth'burg, Swed.	Honolulu, T. H.	General	6,023
Point Brava	2	3	Amer.	Gulf Pacific Line	Houston, Tex.	Seattle, Wash.	General	5,545
Ogontz	2	3	Amer.	Alaska So. Pack. Co.	Baltimore, Md.	Seattle, Wash.	(16)	6,543
K. R. Kingsbury [1]	2	3	Amer.	Shell Union Oil Corp.	New York, N. Y.	S. Francisco, Cal.	Ballast	
Enoch [3]	2		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		20
Arizonan	2	3	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,045
Valparaiso [2]	2	3	Swed.	Johnson Line	Norrkoping, Swed	Vancouver, B. C.	(17)	3,477
Karmt [2]	3	3	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile.	Ballast	
Lenda [2]	3	4	Nor.	Chile Nit. Sales Corp.	Norfolk, Va	Tocopilla, Chile.	Ballast	
Gypsum Prince	3	4	Brit.	Chile Nit. Sales Corp.	Mobile, Ala	Tocopilla, Chile.	Ballast	
Cellina [2]	3	4	Ital.	Italia Line	Trieste, Italy	Vancouver, B. C.	General	729
Sea Horse [5]			Amer.	N. E. Parker	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Boskoop	3	4	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	1,640
City of Athens	3	4	Brit.	Am.-Manchurian Line	Baltimore, Md.	Dairen, China	General	5,341
Kaldfonn [1] [2]	3	4	Nor.	Standard Oil of N. J.	Aruba, N. W. I.	Iquique, Chile	(18)	13,824
Telde	3	4	Hond.	United Fruit Co.	New Orleans, La.	Acajutla, Salv.	General	130
Downes [9]	3		Amer.	U. S. Navy	Culebra, P. R.	San Diego, Calif.	Ballast	
Susan V. Luckenbach.	3	4	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	3,355
Santa Isabel [2]	3	4	Nic.	Beraabe Guerrero	Bluefields, Nic.	Corinto, Nic.	Oil and iron	43
Korana	3	4	J-Slav.	Chile Nit. Sales Corp.	Flushing, Neth.	Chile	Ballast	
Norden [2]	3	4	Dan.	Kawasaki K. Kaisha.	Texas City, Tex.	Kobe, Japan	General	6,844
President Adams	4	5	Amer.	Amer.-President Lines	Genoa, Italy	Round the world.	Autos., gen.	8,233
Winkleigh	3	5	Brit.	Seaboard Sales Co.	Barry, England	Pacific coast	Ballast	
Martin Bakke [2]	4	5	Nor.	Interocean S. S. Corp.	Manchester, Eng.	Vancouver, B. C.	Ballast	
Nero [2]	3	5	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	493
Chilore	4	5	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
San Roberto [1]	4	5	Brit.	Eagle Oil & Ship. Co.	Curacao, N. W. I.	Valparaiso, Chile.	(19)	7,664
Port Gisborne [2]	4	5	Brit.	Port Line, Ltd.	London, England	Nelson, N. Z.	General	6,097
Lidvard [2]	4	5	Nor.	Laurits Kloster	New York, N. Y.	Yokohama, Japan	Scrap iron	8,450
Missourian [2]	5	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,604
Hanley	4	5	Amer.	Weyerhaeuser S. S. Co	New York, N. Y.	Seattle, Wash.	General	3,490
Trois Ilets	4	5	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	110
Silverteak [2]	4	6	Brit.	Kerr S. S. Co.	New York, N. Y.	Hongkong, China	General	5,985
Sessa	5	5	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,562
Istmo	4	5	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	725
Mahimahi	5	6	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H.	Gen., autos.	2,126
Calmar	5	6	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,372
S. C. T. Dodd [1]	5	6	Amer.	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Lub. oil	4,548
Maui	5	6	Amer.	Baltimore Mail Co.	New York, N. Y.	S. Francisco, Cal.	General	2,845
Pirre [2]	4		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sona [2]	4		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Detroit [12]	6	8	Amer.	U. S. Navy	High seas	Balboa, C. Z.	Ballast	
Maryland [13]	5	6	Amer.	U. S. Navy	Virgin Islands	Los Angeles, Cal.	Ballast	
Clark [9]	5	9	Amer.	U. S. Navy	Port-au-Prince	S. Francisco, Cal.	Ballast	
Cassin [9]	5	9	Amer.	U. S. Navy	Culebra, V. I.	S. Francisco, Cal.	Ballast	
Conyngham [9]	5	9	Amer.	U. S. Navy	Culebra, V. I.	San Diego, Calif.	Ballast	
Macdonough [9]	5	9	Amer.	U. S. Navy	Port-au-Prince	S. Francisco, Cal.	Ballast	
Worden [9]	5	9	Amer.	U. S. Navy	Port-au-Prince	San Diego, Calif.	Ballast	
Chincha	6	6	Amer.	Isthmian S. S. Lines	New York, N. Y.	Tacoma, Wash.	General	3,000
George M. Embiricos.	6	6	Greek	S. G. Embiricos	London, England	Pacific coast port.	Ballast	
Waimarama [2]	6	6	Brit.	Shaw, Savill & Albion	London, England	New Zealand	Ballast	
City of Brisbane	6	7	Brit.	Amer. & Austral. Line	Philadelphia, Pa.	Dunedin, N. Z.	General	4,217
Cerigo	4	7	Ger.	Hamburg-Amer. Line.	Barranquilla, Col.	Guayaquil, Ecua.	(20)	801
Fotini Carras	6	7	Greek	Carras Brothers	New York, N. Y.	Osaka, Japan	Scrap iron	6,070
Clarinda [6]	4	10	Amer.	Pearle Wilson	Miami, Fla.	San Diego, Calif.	Ballast	
Cathwood [1]	6	7	Amer.	Union Oil of Calif.	Baltimore, Md.	Pt. San Luis, Cal.	Ballast	
Seattle [2]	6	7	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	4,775
Aconcagua [2]	6	7	Chile	Cia Sud. Amer. de Vap.	Hamburg, Ger.	Valparaiso, Chile.	General	3,127

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [9] Destroyer. [12] Cruiser. [13] Battleship. [14] For bananas and return to Cristobal. [16] Coal, steel, lumber. [16] Tinplate, containers. [17] Ore, general, coffee. [18] Fuel and Diesel oil. [19] Gasoline, fuel and Diesel oil. [20] Salt, beer, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Lerwick	7	7	Brit.	Chile Nit. Sales Corp.	Newp't News, Va.	Chile	Ballast	.....
Acajutla	28	7	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	507
Salacia [2]	7	7	Brit.	Donaldson Bros., Black	Glasgow, Scot.	Vancouver, B. C.	General	1,481
W. R. Keever	7	7	Amer.	Texas Freeport Sul. Co.	New Orleans, La.	Tacoma, Wash.	Sulphur	7,738
Trondanger [2]	7	8	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Porto Bello [3]	7	7	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Michalakis	7	8	Greek.	Long Is. Mach. & Equip	Baltimore, Md.	Yokohama, Japan	Scrap iron	6,860
Mussolini [2]	5	...	Pan.	Dom. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Lena Luckenbach	7	8	Amer.	Luckenbach Line	Tampa, Fla	Tacoma, Wash.	General	5,571
Nuevo Panama [2]	7	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Erria [2]	8	8	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	584
Bjonn	8	8	Nor.	Mitsubishi Shoji K.	Houston, Tex.	Yokohama, Japan	Scrap iron	9,003
Texas Sun [1] [2]	8	8	Amer.	Sun Oil Co.	Perth Amboy, N.J	Los Angeles, Cal.	Ballast	.....
Forbes Hauptman	8	9	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,018
Elias G. Kulukundis.	8	9	Greek.	Hamburg-Amer. Line.	Galveston, Tex.	Yokohama, Japan	General	9,131
Eastern Guide	8	9	Amer.	Prudential S. S. Corp.	Pt. Tampa, Fla.	Honolulu, T. H.	Phos. rock	5,509
Glenmoor [2]	8	9	Brit.	W. Runciman & Co.	Ghent, Belgium	Bluff, N. Z.	Fertilizer	7,320
Dornoch	8	9	Brit.	Chile Nit. Sales Corp.	Greenock, Eng.	Chile	Ballast	.....
Fresno Star	9	9	Brit.	Blue Star Line	N. Shields, Eng.	Vancouver, B. C.	Ballast	.....
M-101 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
M-111 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
M-238 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
L-53 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Gen. Wm. M. Graham. [11]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	7	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Aguadulce, R. P.	General	28
Morviken [2]	8	9	Nor.	K. Line	New York, N. Y.	Yokohama, Japan	Gen., cotton	7,759
Sirius	7	10	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	General	3,694
Chaumont [8]	8	11	Amer.	U. S. Navy	Norfolk, Va.	S. Francisco, Cal.	General	341
Kaipara [2]	9	10	Brit.	Mont. Aust. N. Z. Line	Halifax, N. S.	Adelaide, Aust.	General	6,030
Sire	9	10	Brit.	Chile Nit. Sales Corp.	Charleston, S. C.	Chile	Ballast	.....
Caithness [2]	9	10	Brit.	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
G. C. Brovig [1] [2]	9	10	Nor.	Kawasaki K. Kaisha	Corpus Ch'ti, Tex.	Yokohama, Japan	Crude oil	13,975
Nicolaou Zografia	9	10	Greek.	Seaboard Shipping Co.	London, England	Brit. Columbia	Ballast	.....
Orduna	9	10	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	3,070
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge.	.....
Real [2]	7	10	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	55
Abraham Lincoln [2]	10	11	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	5,821
Dundee [9]	9	...	Brit.	British Government	Aruba, N. W. I.	Balboa, C. Z.	Ballast	.....
Chateau Thierry [8]	9	...	Amer.	U. S. Army	New York, N. Y.	Balboa, C. Z.	General	903
Kansai Maru [2]	10	10	Jap.	Osaka Shosen Kaisha	Boston, Mass.	Kobe, Japan	(15)	7,664
Tuyama Maru	10	10	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Gen., cotton	7,306
Service No. 2 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
American Oriole	10	11	Amer.	Puget Sd. Mills Corp.	Olympia, Wash.	New York, N. Y.	Lumber	7,599
Allister	10	11	Brit.	Texas Oil Co.	Puntarenas, C. R.	Pt. Arthur, Tex.	Drums	120
San Lucas	11	11	Amer.	Quaker Line	S. Francisco, Cal.	Philadelphia, Pa.	Lumber, gen.	8,250
Langley [13]	11	14	Amer.	U. S. Navy	San Diego, Calif.	Coco Solo, C. Z.	.....	.....
Ensley City	11	11	Amer.	Isthmian S. S. Lines.	Hilo, T. H.	Baltimore, Md.	(16)	3,361
Southern Cross	10	12	Swed.	A. L. Wenner-Gren	Callao, Peru	Stockholm, Swed.	Ballast	.....
Trevarrack	11	12	Brit.	Hain S. S. Co.	Vancouver, B. C.	Cobh, Ireland [14]	Wheat	7,582
Osnabruck [2]	11	12	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	5,580
Newton Moore	11	12	Brit.	Van.-St. Lawrence Line	Victoria, B. C.	Hull, England	Barley, conc.	8,150
Canada [2]	11	12	Swed.	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	Grain, gen.	8,185
Edwin Christenson.	11	12	Amer.	Sudden & Christenson	Astoria, Oreg.	Baltimore, Md.	Lumber	6,885
Porto Bello [2]	11	11	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(17)	10
Sofie Bakke [2]	11	12	Nor.	Knut Knutsen, O. A. S.	Vancouver, B. C.	Glasgow, Scotland	(18)	7,651
Alkaid [2]	12	12	Neth.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	Grain	8,830
Dromus [1] [2]	12	12	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Lands End, Eng.	Gasoline	11,127
Temple Yard	12	12	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	St. John, N. B.	Lumber	7,770
Istmo	12	13	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	352
Taranger [2]	12	13	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	(19)	6,814
Triglav	12	13	J-Slav.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [14]	Nit. of soda	10,150
Kirisima Maru [2]	12	13	Jap.	Kokusai Kisen Kaisha	Kobe, Japan	New York, N. Y.	(20)	7,331
S. C. T. Dodd [1]	12	13	Amer.	Gulf Oil Co.	S. Francisco, Cal.	New York, N. Y.	Fuel oil	9,300
Point Lobos	12	13	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	5,692
Colon [2]	12	13	Pan.	Dom. Campodonico	Darien, R. P.	Cristobal, C. Z.	Bananas	41
Maui	13	14	Amer.	Baltimore Mail Co.	S. Francisco, Cal.	New York, N. Y.	General	3,610
Chilore	13	13	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,000
Karmt [2]	13	13	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Jacksonville, Fla.	Nitrate	8,890
K. R. Kingsbury [1]	13	13	Amer.	Shell Union Oil	Los Angeles, Cal.	New York, N. Y.	Fuel oil	10,984

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [8] Transport. [9] Destroyer. [11] Mine planter. [13] Airplane carrier. [14] For orders. [15] General, asbestos. [16] Pineapples, canec, tuna. [17] Plantains, lumber. [18] Lumber, wheat, general. [19] Wheat, fruit, general. [20] Sugar, coconut oil, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Iowan	13	13	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,433
Sultan Star	13	14	Brit.	Blue Star Line	Wellington, N. Z.	London, England	Frozen, gen.	6,552
Gypsum Prince	13	14	Brit.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Gulf ports	Nit. of soda	6,414
Lieut. Col. H. C. Schumm. [4]	13	14	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Ottawa [9]	10	14	Brit.	Canadian Navy	Esquimalt, B. C.	Bermuda		
Restigouche [9]	10	14	Brit.	Canadian Navy	Esquimalt, B. C.	Bermuda		
Fraser [9]	10	14	Brit.	Canadian Navy	Esquimalt, B. C.	Bermuda		
St. Laurent [9]	10	14	Brit.	Canadian Navy	Esquimalt, B. C.	Bermuda		
Rhakotis [2]	14	15	Ger.	Hamburg-Amer. Line.	SanAntonio, Chile	Hamburg, Ger.	General	7,313
Nuevo Panama [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	103
Trois Ilets	13	15	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	334
Salvador	14		Brit.	Pacific Steam Nav.Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	1,117
Pacific Pioneer [2]	14	14	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	Fruit, gen.	8,753
Quebec City	14	15	Brit.	Reardon-Smith Line.	Vancouver, B. C.	London, England	Bulk wheat	8,200
Sambu [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	48
Sona [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Real [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Tuira [2]	13	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	54
San Jose	14	15	Fr.	French Line	Vancouver, B. C.	Havre, France	General	5,696
Gretaston	14	15	Brit.	S. S. Owners Op. Co.	Yavaros, Mexico	Rotterdam, Neth.	Chick peas	7,145
Gregalia	14	15	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow, Scotland	General	7,648
Santa Maria [2]	14	15	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	3,576
Oregonian	15	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	5,063
Ainderby	15	16	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Hull, England	Wheat	8,118
Malantic	15	16	Amer.	Mallory Transp. Lines	N.West'er, B.C.	Philadelphia, Pa.	Lumber	5,850
Bordeaux Maru	15	16	Jap.	"K" Line	Iloilo, P. I.	Houston, Tex.	([15])	7,942
Sire	15	16	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Wilmington, N.C.	Nit. of soda	8,880
Marna	15	16	Dan.	J. Lauritzen	Antof'gasta, Chile	New York, N. Y.	General	2,748
Pennsylvanian	16	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,325
Nero [2]	16	18	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, hides	134
Clio [2]	16	18	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	([16])	341
Cerigo	16	17	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	([17])	329
Lillian Luckenbach.	16	16	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,509
Kingswood	16	16	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Hull, England	Lum., grain.	7,980
Navarino	16	16	Brit.	Canadian Transp. Co.	Vancouver, B. C.	S'ampton, Eng.	Lum., grain.	8,900
Cathwood [1]	16	17	Amer.	Union Oil of Calif.	Pt. San Luis, Cal.	Baltimore, Md.	Crude oil	9,201
Gen. Wm. M. Graham. [11]	16		Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Pennsylvania	16	17	Amer.	Weyerhaeuser S. S. Co.	Everett, Wash.	Baltimore, Md.	([18])	7,860
Kastor	16	17	Greek.	General S. S. Corp.	Brit. Columbia	Hull, England	Grain, lum.	9,484
Cumberland	17	17	Brit.	FederalSteamNav.Co.	Wellington, N. Z	London, England	Frozen, gen.	8,381
Mansepool	17	18	Brit.	Seaboard Shipping Co.	N. West'er, B.C.	Hull, England	Grain, lum.	8,160
Telde	17	18	Hond.	United Fruit Co.	Acajutla, Salv.	New Orleans, La.	([19])	917
Laurits Swenson [2]	17	18	Nor.	Fred Olsen & Co.	Bellingham, Wash	Oslo, Norway	General	8,080
Haxby	17	18	Brit.	Ropner Shipping Co.	Portland, Oreg.	London, England	Wheat	8,365
Brimanger [2]	17	18	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	General	7,150
Akagi Maru [2]	17	19	Jap.	Nippon Yusen Kaisha	Hakodate, Japan.	Hamburg, Ger.	General	5,253
Absaroka	17	19	Amer.	McCormick S. S. Co.	Eureka, Calif.	Baltimore, Md.	Lumber, gen.	7,100
Mathew Luckenbach.	18	19	Amer.	Luckenbach Line	Portland, Oreg.	Tampa, Fla.	General	4,552
Lumen [1] [2]	18	19	Brit.	Standard Oil of Calif.	El Segundo, Calif	Lands End [14]	Gasoline	9,065
Istmo	18	20	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	652
Baron Ardrossan	18	19	Brit.	H. Hogarth & Sons	Nauru Island	Avonmouth, Eng.	Phosphate	5,900
Porto Bello [2]	18	18	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([20])	10
Sona [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Tuira [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	43
Molly II [5]	18		Amer.	E. V. Brown	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Kinai Maru [2]	18	19	Jap.	Osaka Syosen Kaisha.	Dairen, China	Antwerp, Belgium	General	6,419
Sesostris	19	20	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	([21])	2,730
Rushpool	19	19	Brit.	Sir R. Ropner & Co.	Portland, Oreg.	Cobh, Ireland [14]	Wheat	8,447
Kinross [2]	16	19	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	London, England	Grain, lum.	8,790
Asosan Maru [2]	19	20	Jap.	Mitsui & Co.	Manila, P. I.	New York, N. Y.	([22])	6,229
Hindpool	19	20	Brit.	Sir R. Ropner & Co.	Portland, Oreg.	Birkenhead, Eng.	Bulk wheat	8,124
Vinni [2]	19	20	Nor.	Kawasaki K. Kaisha.	Manila, P. I.	Baltimore, Md.	([23])	6,828
Colon [2]	19		Pan.	Dom. Campodonico	Darien, R. P.	Cristobal, C. Z.	Bananas	32
Grayburn	20	20	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Pensacola, Fla.	Nit. of soda	11,900
Texas Sun [1] [2]	20	20	Amer.	Shell-Union Oil Co.	Los Angeles, Cal.	PerthAmboy, N.J	Gas., keres'e	14,872
San Rafael	18	21	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	3,562
Otterpool	20	21	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Cobh, Ireland [14]	Grain	8,061
Trois Ilets	20	22	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, wax.	213
Monserrate [2]	20	21	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	6,524
Mussolini [2]	20	21	Pan.	Dom. Campodonico	Panama, R. P.	Cristobal, C. Z.	Logs	135
Emidio [1]	20	21	Amer.	Shell-Union Oil Co.	Los Angeles, Cal.	Boston, Mass.	Fuel oil	9,704
Lasta	20	21	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nit. of soda	7,800
Nuevo Panama [2]	21	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	87

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [9] Destroyer. [11] Mine planter. [14] For orders. [15] Sugar, silk, general. [16] Copper, empty cylinders. [17] Coffee, hides, wood. [18] Lumber, canned goods. [19] Coffee, bananas, wood. [20] Plantains, lumber. [21] Coffee, hides, wood. [22] Sugar, rubber, silk. [23] Sugar, chrome, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Pukkastan	20	21	Brit.	Empire Ship. Co.	Vancouver, B. C.	London, England	Wheat	9,800
Yorkmar	21	21	Amer.	Calmar Line	S. Francisco, Cal.	Baltimore, Md.	Copper, lum.	8,362
Australian Reefer[2]	21	21	Dan.	J. Lauritzen	Vancouver, B. C.	Haifa, Palestine	Fruit, gen.	1,322
El Oso [1]	21	21	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru	Ellesmere, Eng.	Oil grade A	9,910
Sinnington Court	21	22	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	London, England	(14)	9,790
Real [2]	20	22	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Sambu [2]	21	23	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	52
Santa Rita [2]	21	22	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	General	3,194
Kupa	21	22	J-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [13]	Nit. of soda	7,700
Minerva [2]	21	22	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nit. of soda	9,425
D. G. Scofield [1]	21	22	Amer.	Shell-Union Oil Co.	Los Angeles, Cal.	Fall River, Mass.	Fuel oil	10,809
Simonburn	22	22	Brit.	Common Brothers	Vancouver, B. C.	Leith, Scotland	Wheat	8,122
City of Los Angeles	21	22	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	5,698
Bethore	22	22	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,200
Berganger [2]	22	22	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	Wheat, gen.	8,231
Pereira	22	28	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	739
Lista	22	23	Nor.	Canadian-Gulf Line	Powell Riv., B. C.	Houston, Tex.	Newsprint	4,412
Gemstone	22	23	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Hull, England	(15)	8,402
Winona	22	23	Amer.	Weyerhaeuser S. S. Co.	Los Angeles, Cal.	Norfolk, Va.	Lumber, gen.	8,427
Gullpool	23	25	Brit.	Jos. Pyke & Son, Ltd.	Portland, Oreg.	Cobh, Ireland [13]	Bulk wheat	8,110
Quito [2]	23	25	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	(16)	451
Nero [2]	23	25	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	(17)	409
Mobile City	23	23	Amer.	Isthmian S. S. Lines.	Tacoma, Wash.	Baltimore, Md.	(18)	7,775
Trontolite [1] [2]	23	23	Brit.	Imperial Oil Co.	Talara, Peru	Pern'buco & Para	Gas, kerosene	8,629
Lewis Luckenbach	23	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	11,127
American	23	24	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	7,161
Tai Shan [2]	23	24	Nor.	Barber Wilhelmsen	Zamboanga, P. I.	Norfolk, Va.	(19)	3,973
Fernbank [2]	23	24	Nor.	Fern Line	Iloilo, P. I.	N. of Hatteras [13]	Sugar	7,400
Ino [2]	23	25	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	General	211
Felix Taussig	23	24	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lum., ore, gen	7,375
Nuolja [2]	24	24	Swed.	Trafix A.B. Grangesb'g	Rashin, Korea	Cobh, Ireland [13]	Soy beans	8,329
Dalhanna	24	24	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Liverpool, Eng.	Lumber, gen.	8,114
Cragpool	24	24	Brit.	Joseph Pyke, London.	Vancouver, B. C.	Cobh, Ireland [13]	Wheat	8,320
Celtic Star	24	25	Brit.	Blue Star Line	Los Angeles, Cal.	Newcastle, Eng.	Frozen, gen.	3,892
Amerika [2]	24	25	Dan.	East Asiatic Co.	Seattle, Wash.	Copenhagen, Den.	Grain, gen.	9,550
Schwaben	24	25	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	9,406
Cuttlefish [7]	24		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Harpoon	24	25	Amer.	Shepard S. S. Co.	S. Francisco, Cal.	Albany, N. Y.	(20)	8,634
President De Vogue. [1] [2]	24	25	Nor.	Raffineries de Berre	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	13,736
Yamagiri Maru [2]	24	25	Jap.	Yamashita K. Kaisha	Tsingtao, China	Buenos Aires, Arg.	General	2,654
Hellen	24	25	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Jacksonville, Fla.	Nit. of soda	7,889
Bahrein [1]	24	25	Pan.	Standard Oil of Calif.	Los Angeles, Cal.	Lands End [13]	Gasoline	8,669
Svealand [2]	24	25	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,700
Tainui	25	25	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	S'ampton, Eng.	Frozen, gen.	4,560
Northleigh	24	25	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	(21)	9,180
Istmo	25	26	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	683
Gertrude Kellogg[1]	25	26	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New Orleans, La.	Coconut oil	6,615
Lochkatrine [2]	25	26	Brit.	Royal Mail Lines, Ltd	Victoria, B. C.	Rotterdam, Neth.	Frozen, gen.	9,702
Jhelum	25	26	Brit.	N. Pac. Trading Co.	Pt. Alberni, B. C.	South Africa	(22)	6,806
Gypsum Queen	25	26	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Gulfport, Miss.	Nitrate	6,419
Porto Bello [2]	25	25	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(23)	10
Imperial [2]	26	26	Chile	Chilean S. S. Co.	Valparaiso, Chile	Hamburg, Ger.	General	5,168
Mussolini [2]	26	27	Pan.	Dom. Compodonico	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Isar	26	27	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	10,075
Fresno City [2]	26	26	Brit.	Mitsui Bussan Kaisha	Rashin, Korea	Rotterdam, Neth.	Soy beans	8,500
Kunikawa Maru [2]	26	27	Jap.	Kawasaki K. Kaisha.	Dairen, China	New York, N. Y.	General	3,616
Herman Frasch	26	26	Amer.	Dutton Lumber Corp.	Seattle, Wash.	New York, N. Y.	Lumber	4,950
Vinland [2]	26	27	Nor.	Knutsen Line	Valparaiso, Chile.	London, England	General	6,645
Vermont	27	27	Amer.	Calif.-Eastern Line	Portland, Oreg.	New York, N. Y.	Lumber, gen.	8,261
Ajax [12]	23	28	Brit.	British Navy	Salinas	Jamaica, B. W. I.		
Exeter [12]	23	28	Brit.	British Navy	Salinas	Jamaica, B. W. I.		
Silverbelle [2]	27	28	Brit.	Kerr S. S. Co.	Los Angeles, Cal.	Beira, P. E. A.	(24)	6,250
Fella [2]	27	28	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	Wheat, gen.	7,957
Napier Star	27	27	Brit.	Blue Star Line	Lyttleton, N. Z.	Newcastle, Eng.	Frozen, gen.	7,240
Waynegate	27	28	Brit.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [13]	Nitrate	7,400
Nosiro Maru [2]	28	28	Jap.	Nippon Yusen Kaisha	Kobe, Japan	Baltimore, Md.	Silk, gen.	1,795
H. D. Collier [1]	27	28	Amer.	Standard Oil of Calif.	El Segundo, Calif	Cherbourg, Fr.	Gasoline	10,375
City of San Francisco.	27	28	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,339
Nuevo Panama [2]	28	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	90
Domby	27	28	Brit.	Sir R. Ropner & Co.	Portland, Oreg.	Cobh, Ireland [13]	Wheat	8,157
Kansan	28	28	Amer.	Amer.-Hawaiian Line.	Tacoma, Wash.	Baltimore, Md.	General	6,439
Wisconsin	28	1	Fr.	French Line	Vancouver, B. C.	Havre, France	General	7,582
Acajutla	28	7	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, wood	965
Mostun [2]	28	1	Nor.	Neptune Ship. Co.	Los Angeles, Cal.	Liverpool, Eng.	Fresh fruit	1,750

[1] Tanker. [2] Motor ship. [7] Submarine. [12] Cruiser. [13] For orders. [14] Wheat, lumber, general. [15] Wheat, barley, lumber. [16] Coffee, hides, general. [17] Coffee, hides, rubber. [18] Copper, lumber, pulp, general. [19] Lumber, hemp, general. [20] Lumber, piling, general. [21] Wheat, lumber, lead. [22] Lumber, canned fish. [23] Plantains, lumber. [24] Coconut oil, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
La Union [2]	28	1	Pan.	A. A. Valdes	Bayano, R. P.	Cristobal, C. Z.	Bananas	27
Real [2]	28	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	36
Sambu [2]	28	1	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
West Ira	27	1	Amer.	McCormick S. S. Co.	Tacoma, Wash.	Buenos Aires, Arg.	Lumber, gen.	6,041
Clearpool	27	1	Brit.	Sir R. Ropner & Co.	Portland, Oreg.	Cobh, Ireland [13]	Wheat	8,532
Nyhorn [2]	28	1	Nor.	Knutsen Line	Vancouver, B. C.	S'ampton, Eng.	([15])	6,576
American Robin	1	1	Amer.	Amer.-Foreign Corp.	Pt. Angeles, Wash.	New York, N. Y.	Lumber	6,922
Asuka Maru [2]	1	1	Jap.	Nippon Yusen Kaisha	Yokohama, Japan	Boston, Mass.	([16])	8,526
Orari [2]	1	1	Brit.	N. Z. Shipping Co.	Lyttleton, N. Z.	London, England	Frozen, gen.	6,128
Santa Lucia	28	2	Amer.	Grace Line	San Antonio, Chile	New York, N. Y.	General	5,137
Axel Johnson [2]	1	2	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	([17])	6,272
Rimutaka	1	1	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	4,884
Point Estero	2	2	Amer.	Swayne & Hoyt	Seattle, Wash.	Panama City, Fla.	Lumber, gen.	5,890
Losmar	1	2	Amer.	Calmar Line	Pt. Angeles, Wash.	Baltimore, Md.	Lumber	5,778
Henry D. Whiton	1	2	Amer.	Dutton Lumber Corp.	Tacoma, Wash.	Providence, R. I.	Lumber	5,475
Port Saint John [2]	1	2	Brit.	M. A. N. Z. Line	Auckland, N. Z.	St. John, N. B.	([18])	3,301
Torvanger [2]	1	2	Nor.	Chilean Nitrate, Lond.	Tocopilla, Chile	Azores [13]	Nit. in bulk	10,200
Minnesotan	1	2	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,957
Steel Mariner	2	2	Amer.	Isthmian S. S. Lines.	Hilo, T. H.	New Orleans, La.	Sugar	1,802
Dallas City [2]	2	2	Brit.	Reardon Smith Line.	Rashin, Korea	Rotterdam, Neth.	Soy beans	8,900
Arna [2]	2	2	Nor.	Seaboard Shipping Co.	Pt. Alberni, B. C.	Philadelphia, Pa.	Lumber	7,200
El Mirlo [1 2]	3	3	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	([19])	11,416
Sidney M. Hauptman.	2	3	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,154
Durazzo	2	5	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, hides	699
Nero [2]	3	4	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	393
Steel Exporter	2	3	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Baltimore, Md.	Sugar, pines.	8,129
Birdgepool	2	3	Brit.	Sir R. Ropner & Co.	Portland, Oreg.	Cobh, Ireland [13]	Wheat	7,942
Munchen [2]	2	4	Ger.	North German Lloyd.	Puerto Montt	Hamburg, Ger.	General	6,478
Norfolk	2	3	Brit.	Federal Steam Nav. Co.	N. Plymouth, N. Z.	Glasgow, Scot.	Frozen, gen.	8,279
San Conrado [1 2]	3	3	Brit.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	Aruba, N. W. I.	Gasoline	11,696
Bennekom	3	4	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,947
Barrgrove	3	4	Brit.	Seaboard Shipping Co.	Vancouver, B. C.	London, England	Wheat, lum.	6,750
Katrina Luckenbach.	3	4	Amer.	Luckenbach Line	Portland, Oreg.	Tampa, Fla.	General	6,550
Orotava	3	4	Hond.	United Fruit Co.	Acajutla, Salv.	New Orleans, La.	([20])	846
Trois Ilets	3	5	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	317
Istmo	3	5	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	617
Clio [2]	3	...	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	([21])	111
Port Montreal [2]	4	5	Brit.	M. A. N. Z. Line	Sydney, N. S. W.	Halifax, N. S.	([22])	3,211
Moon Mist [2 6]	2	17	...	Amer. Dr. H. J. Hoeppner	Long Beach, Cal.	Miami, Fla.	Ballast	.....
Reina del Pacifico [2]	3	5	Brit.	Pacific Steam Nav. Co.	Valparaiso, Chile.	Liverpool, Eng.	Copper, gen.	4,407
Tosan Maru [2]	4	5	Jap.	Osaka Syosen Kaisya	Davao, P. I.	New York, N. Y.	General	7,175
Tolken	4	4	Swed.	Transatlantic S. S. Co.	Apia, Samoa Is.	Marseille, France.	Copra, gen.	7,551
Dorothy Luckenbach.	4	4	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,738
Cairnvalona	4	5	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	5,983
Saint Dunstan	4	5	Brit.	The Saint Line, Ltd.	Vancouver, B. C.	London, England	Wheat, lum.	7,580
Pirre [2]	4	5	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Sona [2]	4	5	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	32
Porto Bello [2]	4	4	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	([23])	12
Skramstad [2]	4	5	Nor.	Fern Line	Iloilo, P. I.	New York, N. Y.	Sugar	7,400
Frida	4	5	Dan.	West Coast Line	Valparaiso, Chile.	New York, N. Y.	General	2,692
Gretavale	5	5	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [13]	Nitrate	7,350
Moldanger [2]	5	5	Nor.	Interocean S. S. Co.	N. Westm'er, B. C.	Rotterdam, Neth.	Wheat, gen.	8,496
Peter Maersk [2]	5	6	Dan.	Maersk Line	Manila, P. I.	New York, N. Y.	Oil, general.	5,304
Moveria [2]	5	6	Brit.	Donaldson Line	Victoria, B. C.	Glasgow, Scot.	General	5,895
Mussolini [2]	5	8	Pan.	Dom. Campodonico	Panama, R. P.	Cristobal, C. Z.	Bananas	57
Sirikishna	6	6	Brit.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	London, England	Wheat, lum.	8,626
Lebore	6	6	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,300
Tropic Star	6	6	Nor.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Charleston, S. C.	Nitrate	8,357
Jane Christenson.	6	7	Amer.	Arrow Line	So. Bend, Wash.	Baltimore, Md.	Lumber	6,467
Gera	6	7	Ger.	Hamburg-Amer. Line.	Noumea, N. Caled	Hamburg, Ger.	Ore, wool	5,783
Nyhaug [2]	6	7	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Norfolk, Va.	Nitrate	6,300
Lebec [1]	6	7	Amer.	Shell Oil Co.	Los Angeles, Cal.	Bayonne, N. J.	Fuel oil	9,653
Belita [1 2]	6	7	Nor.	Shell Oil Co.	Los Angeles, Cal.	Lands End [13]	Diesel oil	9,430
City of Norfolk	6	7	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	4,305
Mexican	7	7	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	8,660
Nuevo Panama [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	105
San Marcos	7	7	Amer.	Quaker Line	Longview, Wash.	Philadelphia, Pa.	Lumber, gen.	8,001
Harmala	7	7	Brit.	Mitsui Bushi Co.	Dairen, China	Stettin, Ger.	Soy beans	8,804
Maranon	7	8	Peru.	Peruvian Line	Callao, Peru	Iquitos, Peru	General	1,408
John Cabot	7	...	Brit.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	850
Real [2]	7	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Sambu [2]	7	8	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	50
Helene Kulukundis.	7	8	Greek.	Anglo-Can. S. S. Co.	Stockton, Calif.	Hull, England	Barley	9,127

[1] Tanker. [2] Motor ship. [6] Yacht. [13] For orders. [15] Wheat, lumber, general. [16] Raisins, clay, sugar. [17] Wheat, fruit, general. [18] Wool, hides, meat. [19] Crude oil, gasoline. [20] Coffee, bananas, general. [21] Wood, tagua, coffee. [22] Wool pelts, tallow [23] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Kenmar	8	8	Amer.	Calmar S. S. Corp.	Astoria, Calif.	Baltimore, Md.	(14)	7,914
Wandsbek	8	8	Ger.	North German Lloyd	Champ'ico, Guat.	Bremen, Ger.	General	2,445
Tresillian	8	8	Brit.	Hain S. S. Co.	Vancouver, B. C.	Cobh, Ireland [13]	Wheat	8,070
Uranienborg	8	8	Dan.	Seaboard Ship. Co.	Englewood	Boston, Mass.	Lumber	5,316
Santa Barbara [2]	7	8	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	3,372
Lochmonar [2]	8	9	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	Frozen, gen.	9,558
Alabaman	8	9	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,808
Patria [2]	8	9	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	5,265
William Blumer	8	9	Nor.	C. H. Sorensen & Sons	Valparaiso, Chile.	New York, N. Y.	Ore, gold	5,900
Tosca [2]	8	9	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [13]	Nit. in bags.	7,300
Pacific	8	9	Amer.	Weyerhaeuser S.S. Co.	Seattle, Wash.	Norfolk, Va.	Lumber, gen.	7,655
Washington	8	9	Amer.	United States Lines	S. Francisco, Cal.	New York, N. Y.	General	2,987
Franz Klasen [1] [2]	9	9	Pan.	W. Tankschiff Rhed'i.	Talara, Peru	Hamburg, Ger.	Gas, fuel oil.	16,322
Steel Age	8	9	Amer.	Isthmian S. S. Lines.	Portland, Oreg.	Avonmouth, Eng.	(15)	8,561
Bogota [2]	9	...	Ger.	North German Lloyd	Guayaquil, Ecua.	Cristobal, C. Z.	Wood, gen.	570
Huntingdon	9	10	Brit.	FederalSteamNav.Co.	Pt.Chalmers,N.Z.	Glasgow, Scot.	Frozen, gen.	6,922
Vernon City	9	10	Brit.	Reardon Smith Line.	Vancouver, B. C.	Liverpool, Eng.	Grain	8,200
Zvir	9	10	Y-Slav	Seaboard Shipping Co.	Vancouver, B. C.	Immingham,Eng.	Lum., wheat	8,052
Scottish Star	10	10	Brit.	Blue Star Line	N.Westm'er,B.C.	Liverpool, Eng.	Frozen, gen.	5,680
William Luckenbach.	10	10	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	(16)	6,760
Marore	10	10	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Weser [2]	10	...	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	7,438
Semmes [9]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
S-20 [7]	10	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
TatekawaMaru [1] [2]	10	...	Jap.	Kawasaki K. Kaisha.	Osaka, Japan.	Houston, Tex.	Ballast	.....
Salmonpool	10	...	Brit.	Jos. Pyke & Co.	Vancouver, B. C.	Cobh, Ireland [13]	Wheat	7,890
Point Ancha	10	...	Amer.	Swayne & Hoyt.	Seattle, Wash.	New Orleans, La.	General	3,448
Getuyo Maru [2]	10	...	Jap.	Mitsui Bussan Kaisha	Manila, P. I.	Boston, Mass.	(17)	8,476

[1] Tanker. [2] Motor ship. [7] Submarine. [9] Destroyer. [13] For orders. [14] Copper, pulp, lumber. [15] Lumber, copper, general. [16] Sugar, pulp, canned goods. [17] Sugar, silk, general.

Comparison of Traffic at the Suez and Panama Canals for the 12 Months Ended January 31, 1938 and 1939

Month	Suez Canal: Number of transits 1938–39	Suez Canal: Number of transits 1937–38	Suez Canal: Percent Increase	Suez Canal: Percent Decrease	Panama Canal: Number of transits 1938–39	Panama Canal: Number of transits 1937–38	Panama Canal: Percent Increase	Panama Canal: Percent Decrease
February	508	524	.....	3.1	436	377	15.6	.....
March	578	580	.....	0.4	506	536	.....	5.6
April	516	621	.....	16.9	487	473	3.0	.....
May	479	567	.....	15.5	465	544	.....	14.5
June	469	540	.....	13.1	445	472	.....	5.7
July	509	551	.....	7.6	429	457	.....	6.1
August	522	531	.....	1.7	468	505	.....	7.3
September	508	522	.....	2.7	438	444	.....	0.9
October	540	557	.....	3.1	494	461	7.2	.....
November	495	526	.....	5.9	505	435	16.1	.....
December	503	541	.....	7.0	509	439	15.9	.....
January	472	544	.....	13.2	501	444	12.8	.....
Total	6,099	6,604	.....	7.7	5,683	5,587	1.7	.....

Density of Water in Balboa and Cristobal Harbors

Place.	Weight of sea water in ounces per cubic ft. Average.	Maximum.	Minimum.	Rainy season. Average temperature. Degrees F.
Cristobal (between docks 8 and 9)	1018	1020	1013	84.0
Balboa (dock 18)	1011	1021	1005	83.0

(NOTE.—The above is based on two months' observations at Cristobal and Balboa. Average taken at 12-foot depth. Minimum occurred after heavy rain at 3-foot depth at Cristobal and 12-foot depth at Balboa. The weight of a cubic foot of fresh water at 85° F. is 995 ounces.

Tolls Charges for Transit of the Panama Canal

(Effective March 1, 1938)

1. Complete transit (one way):
   (a) Merchant vessels, yachts, army and navy transports, colliers, hospital ships, and supply ships, when carrying passengers or cargo—
   Per net vessel-ton of 100 cubic feet each of actual earning capacity—that is, the net tonnage determined in accordance with the Rules for the Measurement of Vessels for the Panama Canal $0.90
   (b) Vessels in ballast without passengers or cargo—
   Per net vessel-ton ..... .72
   (c) Other floating craft, including warships, other than transports, colliers, hospital ships, and supply ships—
   Per ton of displacement ..... .50
2. Part transit:
   Vessels returning from Gatun Lake to original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
3. Free transit:
   Vessels transiting the Panama Canal by prearrangement from Cristobal to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships.

Location of Patients, and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings, and the visiting hours for the various wards and sections.

Section and Ward	Visiting Hours
Section "A:"	
Private and semiprivate rooms	Daily, 9:30–11 a. m.; 2–4:30 p. m.; 6:30–8 p. m.
Wards	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sunday and holidays, 9:30–11 a. m.; 2:00–4 p. m.
Section "B:"	
Ward 5, white American male, private and semiprivate rooms	Daily, 9:30–11 a. m.; 2–4:30 p. m.; 6:30– 8 p. m.
Ward 6, foreign male and female, private rooms; American girls	
Ward 7, white females, private rooms	
Ward 8, obstetrical department, white females	
Nursery	No visitors allowed.
Section "C:"	
Wards 9 (colored section), 11, 12, and 13	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Wards 9 (white section), 10, and 14	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m. Visitors to venereal cases in wards 13 and 14 will be limited to two members of patient's immediate family.
Section "D:"	
Wards 15 and 16	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m.
Wards 17, 19, and 20	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Ward 18	Daily. 9:30–11 a. m.; 2–4:30 p. m.
Isolation section	No visitors permitted except to adults to visit tuberculosis patients Thursday, Sunday, and holidays, 1:30–3 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Dispensary Hours

Location	Week days		Sundays and holidays
	Morning	*Afternoon*	*Morning*
Ancon	8:00–11:00	3:00–5:00	9:00–10:00
Balboa	8:00–11:00	3:00–5:00	9:00–10:00
Colon	8:00–11:00	3:00–5:00	8:00–10:00
Gatun	8:00–11:00	3:00–5:00	8:30– 9:30
Gamboa	8:00–11:00	3:00–5:00	9:00–10:00
Pedro Miguel	8:00–11:00	3:00–5:00	9:00–10:00

Gorgas Hospital Out-Patient Clinic Hours

	Daily, except Sundays and holidays	
	Morning	*Afternoon*
Medical Clinic	*11:00–12:00	*2:00–4:00
Branch Medical Clinic, by appointment only	8:00–12:00	1:00–4:00
(Consultations only on Saturday, 8–12 a. m.)		
Allergy Clinic, by appointment only, Thursday	.....	1:00–3-30
Surgical Clinic	.....	2:00–3:00
Eye, Ear, Nose and Throat Clinic, white patients	.....	*2:00–3:00
Eye, Ear, Nose and Throat Clinic, colored patients	*8:00–12:00	.....
X-Ray Clinic	8:00–12:00	1:00–4:00
Radio-Therapy Clinic	8:00–12:00	1:00–4:00
Hydro-Therapy Clinic	8:00–12:00	1:30–4:00
Silver Dental Clinic	8:00–12:00	1:00–4:00

* And by appointment.

Colon Hospital and Dispensary Clinic Hours

	Week days		Sundays and holidays
	Morning	*Afternoon*	*Morning*
Eye, Ear, Nose and Throat Clinic	10:30–12:00	*1:00–4:00	8:00–10:00
Gold Clinic	8:30–11:00	3:00–5:00	8:00–10:00
Silver Clinic	8:00–11:00	3:00–5:00	8:00–10:00
Surgical Clinic	.....	1:00–4:00	.....
Maternity and Children's	8:30–11:00	3:00–5:00	.....
Silver Dental Clinic	8:00–12:00	2:00–5:00	.....
X-Ray	11:00–12:00	2:00–3:00	.....

* Excepting Fridays

Visiting Hours, Colon Hospital

Section and Ward	Visiting Hours
Ward A, male, white (ward and semiprivate rooms)	Daily, 2 to 4 p. m.; 6:30 to 8 p. m.
Ward C, male and female, white (ward and private rooms) (No visitors allowed in nursery)	Daily, 2 to 4 p. m.; 6:30 to 8 p. m.
Ward B, female, colored (ward and semiprivate rooms)	Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p. m.
Ward E, male, colored	Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p. m.

Visiting Hours, Corozal Hospital for the Insane

Sundays, Wednesdays, and holidays:
9 a. m. to 10:30 a. m.
1 p. m. to 3:30 p. m.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Postal and Telegraphic Address of The Panama Canal

The postal address is, "The Panama Canal, Balboa Heights, Canal Zone," or "The Panama Canal, Washington, D. C."

Mail for ships passing through the Canal or touching at either of the terminal ports should be addressed to "Cristobal, Canal Zone."

The cable and radio address of The Panama Canal, on the Isthmus, is "Pancanal, Panama;" in the United States, "Pancanal, Washington."

Trips Through the Canal

The following lines operating passenger carrying vessels through the Canal carry local passengers from one terminal to the other: Grace Line, Johnson Line, Hamburg-American Line, North German Lloyd, Navigazione Generale Italiana, Pacific Steam Navigation Co. The Panama Pacific Line carries passengers from Balboa to Cristobal only, their rate being $10, first class only. The rate is $5 on the Grace Line, Johnson Line, and Pacific Steam Navigation Co., and $6 on the Hamburg-American Line, North German Lloyd, and Navigazione Generale Italiana vessels, first class passage. The Pacific Steam Navigation Company also have a rate of $4 second class and $2 third class.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.; 10 p. m.

From Panama: Daily, 7:05 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

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Certificate.—By direction of the Governor of The Panama Canal the matter contained herein is published as statistical information and is required for the proper transaction of the public business.

Volume XXXII Balboa Heights, C. Z., April 15, 1939 No. 9

Traffic Through the Panama Canal in March 1939

The total vessels of all kinds transiting the Panama Canal during the month of March 1939, and for the same month in the two preceding years, are shown in the following taublation:

	March 1939			March	
	Atlantic to Pacific	Pacific to Atlantic	Total	1938	1937
Ocean-going commercial traffic	296	257	553	506	536
Small commercial traffic [1]	46	33	79	77	80
Noncommercial traffic:					
United States Government	33	4	37	40	57
For repairs	1	2	3	.....	1
Colombian Government	.....	.....	.....	.....	1
Total	376	296	672	623	675

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve month period ended March 31, 1939, as compared with the corresponding period ended March 31, 1938:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1938–9	1937–8	1938–9 [3]	1937–8 [4]	1938–9	1937–8	1938—9	1937–8
April	487	473	2,258,836	2,276,000	2,279,235	2,652,880	$1,961,456.58	$2,067,026.68
May	465	544	2,150,228	2,626,000	2,309,171	2,950,925	1,886,825.66	2,376,706.36
June	445	472	2,064,793	2,266,000	2,122,389	2,670,466	1,801,291.78	2,070,337.89
July	429	457	1,933,816	2,216,000	2,025,660	2,476,366	1,694,205.00	2,029,642.45
August	468	505	2,177,699	2,402,000	2,171,674	2,780,603	1,890,050.74	2,195,308.87
September	438	444	2,005,241	2,139,000	1,998,464	2,385,142	1,741,895.46	1,935,673.78
October	494	461	2,276,194	2,182,000	2,359,673	2,438,788	1,977,706.76	1,981,087.87
November	505	435	2,302,333	2,110,000	2,223,830	2,185,283	1,984,014.72	1,893,462.00
December	509	439	2,336,011	2,070,000	2,374,395	2,046,170	2,031,017.04	1,845,048.20
January	525	444	2,380,916	2,053,000	2,393,360	2,095,402	2,062,454.16	1,837,894.72
February	501	436	2,282,318	1,993,000	2,206,963	1,998,827	1,996,735.66	1,786,611.45
March	553	506	2,586,580	[3]2,311,526	2,664,068	2,268,548	2,252,156.28	2,015,585.34
Total	5,819	5,616	26,754,965	26,644,526	27,128,882	28,949,400	23,279,809.84	24,034,385.61

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement.

[3] Panama Canal net tonnage as figured under rules which became effective March 1, 1938.

[4] Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons measurement (Panama Canal net), which transited the Panama Canal during the month of March 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	46	2,657	$2,115.36	1,122
Pacific to Atlantic	33	1,812	1,602.00	2,000
Total	79	4,469	3,717.36	3,122

Traffic by Nationality of Vessels [5] for March 1939

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	[6] 153	793,541	$678,682.28	701,193
Chilean	2	10,032	9,028.80	6,439
Danish	18	65,211	57,532.68	58,953
French	[7] 7	34,741	35,154.40	29,076
German	34	135,133	121,069.98	124,115
Greek	18	85,486	71,982.72	101,538
Honduran	6	9,729	8,756.10	2,956
Italian	4	22,900	20,610.00	9,983
Japanese	24	139,029	123,918.12	169,988
Netherland	24	60,601	54,540.90	53,397
Norwegian	65	305,591	258,493.68	346,836
Panamanian	16	34,153	30,737.70	62,413
Peruvian	1	2,259	2,033.10	1,408
Soviet	1	1,063	956.70	1,267
Swedish	13	56,710	49,525.56	80,971
United States	161	804,779	706,830.48	873,126
Yugoslav	6	25,622	22,303.08	40,409
Total	553	2,586,580	2,252,156.28	2,664,068

[5] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.
[6] Includes 1 naval vessel of 1,300 displacement tons.
[7] Includes 1 naval vessel of 7,775 displacement tons.

Traffic by Trade Routes for March 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	63	308,184	237,746	53	279,825	387,761
East coast United States and:						
Canada	2	6,989	5,488	4	16,440	26,131
Central America/Mexico	5	7,735	4,186	3	4,859	2,332
South America	28	115,119	19,839	23	91,976	215,514
Hawaiian Islands	4	17,842	17,891	4	19,201	26,184
Australasia	7	38,006	37,379	.....	.....	.....
Philippine Islands	10	52,159	48,609	21	105,116	145,788
Far East	41	204,334	313,069	2	13,090	8,350
Canada intercoastal	2	10,026	2,729	1	4,180	5,824
East coast Canada and:						
South America	.....	.....	.....	1	2,126	4,340
Australasia	4	21,252	18,635	4	21,520	12,246
Far East	2	12,280	15,970	.....	.....	.....
Central America/Mexico intercoastal	1	3,054	.....	1	6,264	.....
East coast Central America/Mexico and United States	.....	.....	.....	1	4,634	8,134
South America intercoastal	3	8,006	13,786	1	2,259	1,408
East coast South America and:						
Canada	2	8,643	12,259	.....	.....	.....
Far East	1	4,949	4,352	.....	.....	.....
Cristobal and:						
Central America/Mexico	4	2,692	2,090	4	2,692	3,604
South America	13	7,125	4,978	17	9,994	8,241
West Indies and:						
United States	1	5,897	.....	3	18,067	36,223
Central America/Mexico	.....	.....	.....	1	1,276	.....
South America	3	16,897	21,488	.....	.....	.....
Far East	1	2,706	5,020	.....	.....	.....
Europe and:						
United States	9	48,350	.....	13	56,079	95,146
Canada	44	235,917	36,901	42	207,493	325,987
Central America/Mexico	2	5,390	8,502	1	1,943	2,274
South America	27	141,141	45,445	28	154,376	220,369
Hawaiian Islands	1	5,012	6,023	1	6,186	13,373
Australasia	11	86,047	51,498	15	105,819	92,004
Far East	.....	.....	.....	6	32,305	48,721
Egypt and South America	.....	.....	.....	1	4,206	8,850
Africa and:						
Canada	.....	.....	.....	1	5,073	6,795
Central America/Mexico	.....	.....	.....	1	2,368	2,445
Australasia	1	4,343	8,200	.....	.....	.....
Around the world	2	14,734	6,579	1	6,543	7,362
Foreign vessels in ballast (United States intercoastal)	1	4,808	.....	.....	.....	.....
Vessels not engaged in commerce	[8] 1	.....	.....	[9] 3	1,033	.....
Total	296	1,399,637	948,662	257	1,186,943	1,715,406

[8] Naval vessel. [9] One naval vessel and 2 yachts.

Origin and Destination of Cargo by Major Areas, March 1939

The following table summarizes the origin of cargo passing though the Canal in March 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	247,302	26,536	371,522	19,820	34,729	699,909
Other North America	1,575	7,231	9,642	33,759	22,134	74,341
Europe	26,470	23,031	.....	35,281	50,131	134,913
Miscellaneous	12,180	465	4,661	13,475	8,718	39,499
Total	287,527	57,263	385,825	102,335	115,712	948,662

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	381,260	52,602	185,634	5,224	624,720
Canada	24,782	7,366	230,614	7,795	270,557
Other North America	27,193	5,158	20,717	.....	53,068
South America	215,740	13,448	219,049	10,485	458,722
Australasia	10,706	4,894	88,650	.....	104,250
Asia	152,828	2,363	47,737	1,161	204,089
Total	812,509	85,831	792,401	24,665	1,715,406

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during March 1939 or March 1938, are listed below:

Commodity	March		Commodity	March	
	1939	1938		1939	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Automobiles and parts	24,370	29,340	Barley	26,801	25,469
Canned food products	9,996	11,550	Beans, edible, dry	10,702	13,414
Cement	16,362	8,836	Canned food products	103,198	92,449
Chemicals	12,358	9,541	Coffee	18,475	18,023
Coal and coke	8,723	14.068	Cold storage (food products) [11]	40,566	43,512
Cotton, raw	33,322	21,229	Copra	24,366	6,279
Iron and steel	135,067	125,902	Cotton, raw	7,276	10,470
Machinery	16,838	15,648	Flour	13,439	25,995
Manufactured goods [10]	18,559	12,132	Fruit, dried	22,802	21,988
Metals, various	21,497	21,322	Fruit, fresh [12]	35,997	38,438
Nitrates	4,777	10,371	Lumber	251,503	209,073
Oils, mineral	117,211	75,111	Metals, various	59,073	53,728
Paper	31,863	40,197	Molasses and syrups	13,444	30
Phosphates	36,117	52,436	Nitrates	165,689	160,276
Railroad material	7,029	10,361	Oats	9,204	12,725
Scrap metal	184,031	92,452	Oils, mineral	160,104	153,659
Slag	9,897	10,745	Oils, vegetable	12,663	7,201
Sugar	889	11,870	Ores	174,944	186,068
Sulphur	28,411	16,726	Paper	8,750	15,914
Tinplate	21,020	26,319	Soy beans	40,825	75
			Sugar	149,747	136,414
Pacific to Atlantic			Wheat	209,583	107,411
			Wood pulp	19,989	21,016
Asphalt and tar	11,966	343	Wool	26,195	16,977

[10] Except as otherwise classified. [11] Except fruit. [12] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of March 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items

are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	.....	204
Agricultural implements	660	.....	2,748	21
Alfalfa meal	.....	511	.....	847
Ammonium compounds	749	.....	2,271	.....
Animal foods [13]	7	599	37	749
Apparel, wearing (hats, shoes, clothing, etc.)	30	.....	46	11
Asbestos	937	87	4,581	97
Asphalt and tar	628	11,258	3,986	11,966
Automobiles (and autotrucks)	4,920	76	14,655	155
Automobile parts and accessories	1,069	9	9,715	52
Bamboo and products	.....	.....	.....	425
Bags and bagging, textile	660	.....	1,149	.....
Bananas	.....	.....	.....	3,009
Barks, miscellaneous	30	13	195	373
Barley	.....	13	.....	26,801
Beans, edible, dry	178	6,326	204	10,702
Beer	130	.....	582	180
Beverages, nonalcoholic	80	.....	114	.....
Blood and tankage	.....	.....	935	158
Bones and bone meal	.....	58	941	58
Books and printed matter	11	198	19	198
Borax	27	691	29	5,561
Bran and pollards	.....	.....	.....	1,149
Bricks and tile	209	.....	273	.....
Canned and preserved goods:				
Fish	325	13,416	771	18,293
Fruit	770	33,374	867	57,547
Meat	18	23	829	259
Milk	12	79	330	251
Soup	3,357	.....	3,440	53
Vegetables	1,174	9,764	1,222	10,143
Miscellaneous and unclassified	2,159	10,775	2,537	16,652
Carbon black	50	9	2,060	9
Celite	.....	656	.....	676
Cement	624	27	16,362	29
Chalk	.....	.....	190	25
Charcoal	140	.....	159	.....
Chemicals [13]	5,219	971	12,358	1,701
Clay, china and fire	623	295	873	641
Clay, filtering	18	.....	18	.....
Coal	2,446	.....	2,638	20
Cocoa and cacao beans	506	.....	1,125	1,402
Coconuts and products [13]	111	917	170	1,830
Coffee	282	18	5,380	18,475
Coke	785	22	6,085	22
Cold storage and refrigerated products:				
Dairy products	.....	95	454	17,026
Eggs	.....	25	.....	154
Fish	64	.....	127	850
Lard	887	.....	1,156	14
Meats	24	48	262	22,183
Poultry	.....	26	.....	103
Vegetables	.....	.....	.....	186
Other and unclassified	28	.....	40	50
Confectionery	1,216	.....	1,388	.....
Copra	.....	12	.....	23,526
Copra meal and cake	.....	.....	.....	840
Corn	.....	.....	3	.....
Cotton, raw	46	1,467	33,322	7,276
Creosote	.....	.....	26	.....
Drugs and medicines	1,934	568	2,374	573
Earthenware	.....	46	154	101
Electrical apparatus and appliances	2,555	133	4,199	212
Enamelware and metalware	374	502	703	696
Explosives	91	51	1,458	63
Extract, quebracho	.....	.....	1,226	.....
Fertilizers [13]	585	175	1,245	707
Fish, salted or dry-cured	.....	.....	.....	14
Fish meal	.....	104	.....	1,289
Floor coverings	2,471	1,698	2,899	2,221
Flour	116	9,186	3,067	13,439
Fruit, dried	58	11,544	82	22,802
Fruit, fresh [13]	1,123	2,784	2,297	35,997
Furniture and household goods	589	28	809	128
General	17,926	3,199	52,289	9,023

[13] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Glass and glassware	2,518	119	5,773	273
Glue	33	14	52	14
Groceries	2,511	1,004	3,676	1,713
Gums	.....	15	1	144
Hair, all kinds	378	66	388	125
Hay	.....	184	.....	289
Hemp, unmanufactured	.....	.....	30	2,869
Honey	.....	497	65	559
Infusorial earth	.....	718	.....	951
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	76,184	715	135,067	1,031
Ivory nuts	.....	.....	814	1,619
Jute, unmanufactured	.....	.....	.....	2
Lard substitute	.....	550	.....	648
Lime	.....	.....	359	.....
Liquors	4,467	308	6,004	343
Lumber (including manufactured mill products)	3,749	131,919	4,323	251,503
Machinery	3,168	386	16,838	502
Malt	.....	.....	268	8
Manufactured goods [13]	8,123	1,963	18,559	3,880
Marble and granite	129	.....	636	.....
Matches	303	96	417	97
Metals:				
Antimony	.....	.....	70	100
Copper	216	4,858	4,988	33,959
Gold and silver	.....	.....	.....	27
Iron	1,485	.....	6,522	.....
Lead	134	1,035	1,366	17,195
Tin	2,489	21	2,612	838
Zinc	191	.....	2,654	6,854
Other and unclassified	136	62	3,285	100
Milk, powdered	21	271	59	1,468
Molasses and syrups	450	71	586	13,444
Nitrate	12	.....	4,777	165,689
Nuts, edible (including meats)	50	278	66	590
Oats	60	178	83	9,204
Oils, mineral:				
Crude	17	19,220	40,260	44,240
Gas and fuel	20	.....	34,229	26,262
Gasoline, benzine, and naphtha	108	27,904	6,658	79,904
Kerosene	1	8,196	9	8,308
Lubricating and greases	19,678	985	35,245	1,390
Other and unclassified	.....	.....	810	.....
Oils, vegetable:				
Coconut	.....	610	3	7,001
Linseed	64	.....	270	.....
Olive	131	33	358	33
Peanut	.....	.....	.....	1,281
Rapeseed	.....	.....	.....	324
Teaseed	.....	.....	.....	159
Wood	42	.....	47	1,773
Other and unclassified	115	30	514	2,092
Oil, fish	23	.....	146	1,550
Oil, whale	.....	.....	39	.....
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	260	18	5,790	2,030
Oilseed cake and meal	1,981	.....	1,981	3,329
Ores:				
Antimony	.....	.....	34	369
Copper	.....	.....	808	7,942
Gold and silver	.....	.....	.....	5,988
Iron	.....	.....	255	134,550
Lead	.....	750	.....	5,349
Magnesite	.....	1,503	.....	1,503
Manganese	138	46	198	1,586
Tin	.....	.....	.....	4,321
Zinc	120	.....	130	7,522
Other and unclassified	643	.....	2,047	5,814
Paints and varnishes	1,528	134	3,469	435
Paper and paper products [13]	10,025	8,347	31,863	8,750
Peanuts	849	.....	849	360
Peas, dry	.....	54	.....	236
Peatmoss	9	.....	1,484	.....
Phosphates	574	.....	36,117	.....
Plaster	.....	.....	68	.....
Porcelainware	306	134	1,188	1,675
Potash	.....	948	3,750	948
Pyrethrum flowers	.....	.....	.....	53
Rags and waste	103	33	1,437	478
Railroad material	1,704	.....	7,029	209
Rice	1,035	482	2,163	2,443

[13] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rope and twine	238	61	384	313
Rosin	2,179	7	5,182	7
Rubber:				
Manufactured	212	852	844	1,270
Raw	763	.....	2,472	1,632
Scrap	.....	.....	1,837	56
Salt	307	699	3,495	1,095
Sand	.....	39	1,763	1,105
Scrap metal	63	102	184,031	534
Seeds (except oilseeds)	6	231	295	445
Sewer pipe (concrete and terra cotta)	80	.....	80	.....
Shells, oyster	683	.....	683	501
Silk, raw	.....	52	17	896
Skins and hides	10	2,234	579	6,190
Slag	.....	.....	9,897	.....
Slate	1,655	.....	1,663	.....
Soaps and products	1,834	197	2,034	253
Soda and sodium compounds:				
Soda ash	176	.....	488	.....
Soda, caustic	637	.....	1,823	10
Miscellaneous and unclassified	584	30	755	38
Soy beans	201	.....	203	40,825
Spices	96	3	182	102
Sugar	66	16,948	889	149,747
Sulphur	15,703	86	28,411	104
Talc	.....	144	.....	543
Tallow	86	610	140	4,750
Tea	85	.....	352	584
Textiles [14]	5,569	10	9,566	3,042
Tinplate	4,723	27	21,020	52
Tobacco and manufactures	550	107	8,969	301
Toilet preparations	397	.....	406	22
Turpentine	134	.....	301	.....
Vegetables, dry [13]	.....	.....	.....	3,686
Wall board	142	.....	614	320
Wax, paraffin	357	.....	1,775	845
Wheat	34	76	36	209,583
Wines	220	2,039	871	3,909
Wood pulp	4,190	17,402	7,415	19,989
Wool	10	2,673	130	26,195
Total, March 1939	247,302	381,260	948,662	1,715,406
Total, March 1938	192,834	298,342	787,862	1,480,686
Total, March 1937	387,352	530,746	1,048,337	1,968,081

[13] Except as otherwise classified. [14] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of March 1939:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	11	60,652	12,548	6	33,635	[15] 66,578
East coast United States and:						
South America	1	6,101	.....	.....	.....	.....
Philippine Islands	1	3,864	.....	.....	.....	.....
Far East	3	19,969	38,124	1	6,711	.....
Central America/Mexico intercoastal	.....	.....	.....	1	6,264	.....
South American intercoastal	1	6,061	12,460	.....	.....	.....
West Indies and:						
United States	1	5,897	.....	3	18,067	36,223
South America	2	11,780	21,488	.....	.....	.....
Europe and:						
United States	4	25,904	.....	2	12,619	24,693
South America	4	26,134	.....	3	21,388	42,082
Hawaiian Islands	.....	.....	.....	1	6,186	[16] 13,373
Total	28	166,362	84,620	17	104,870	182,949

[15] Includes 11,258 tons of asphalt. [16] Molasses.

Comparison of Canal Traffic in March 1939, with March Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of March			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915 [17]	136	440	607	1915	[18] 100	334	466
1916 [19]	.....	.....	.....	1916	60	184	258
1917	139	424	571	1917	145	447	588
1918	171	539	661	1918	165	506	627
1919	151	442	505	1919	162	472	576
1920	226	758	894	1920	199	659	781
1921	251	1,030	1,084	1921	232	879	966
1922	231	902	960	1922	222	880	907
1923	403	1,839	1,941	1923	325	1,434	1,631
1924	424	1,976	2,272	1924	429	2,016	2,249
1925	393	1,817	2,104	1925	382	1,761	1,996
1926	496	2,217	2,606	1926	424	1,909	2,169
1927	490	2,232	2,533	1927	441	2,020	2,311
1928	525	2,256	2,427	1928	521	2,269	2,468
1929	526	2,374	2,742	1929	524	2,299	2,554
1930	505	2,317	2,557	1930	502	2,310	2,502
1931	427	2,044	1,914	1931	447	2,140	2,089
1932	348	1,724	1,643	1932	364	1,820	1,650
1933	369	1,838	1,737	1933	347	1,758	1,513
1934	508	2,499	2,465	1934	436	2,201	2,059
1935	455	2,218	2,210	1935	432	2,143	2,109
1936	526	2,511	2,634	1936	449	2,160	2,209
1937	536	2,562	3,016	1937	467	2,224	2,507
1938	506	2,312	2,269	1938	460	2,163	2,282
1939	553	2,587	2,664	1939 (9 months)	491	2,253	2,269

[17] Canal opened August 15, 1914. [18] Average for 10½ months of fiscal year ended June 30, 1915. [19] Canal closed on account of slides.

Terminal Activities

Ships repaired during the month of March 1939 numbered 53. Vessels released from drydock numbered 11. Fuel oil amounting to 340,267 barrels was delivered as bunkers to 156 commercial vessels. Bunker coal amounting to 5,528 tons was delivered to 27 commercial vessels. Sales of commissary supplies to ships aggregated $55,695.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ..... tons	24,932	6,945	31,877
Local cargo shipped ..... tons	2,270	1,846	4,116
Cargo received for transshipment ..... tons	49,981	162	50,143
Cargo transshipped ..... tons	46,544	62	46,606
"Canal Zone for Orders" cargo:			
Number of receipts issued	6	2	8
Number of releases issued	43	9	52
Tons received	36	6	42
Tons withdrawn	37	11	48

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	655	3,996,071	2,426,337	603	3,446,754	2,137,118
Vessels entering port but not transiting Canal	73	537,837	297,548	9	7,802	6,202
Vessels transiting Canal and handling passengers and cargo at terminal ports	153	928,128	556,299	103	715,911	435,672
Ships clearing						
All vessels, including those transiting Canal	650	4,005,819	2,429,209	605	3,454,806	2,133,356
Vessels clearing port but not transiting Canal	69	541,449	297,398	7	7,749	6,172
Vessels transiting Canal and handling passengers and cargo at terminal ports	154	937,254	561,099	103	720,471	436,888

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight March 10, 1939, to midnight April 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

West Ivis, 50, 5
Istmo, 779, 448
Josephine H., 0, 35
Ino, 598, 157
Este, 159, 126
Colombo, 226, 113
Socrates, 134, 18
Saarland, 27, 162
Orbita, 56, 86
Veragua, 64, 281½
Santa Rosa, 170¼, 288
Chester Valley, 334, 934
Santa Inez, 39, 12
Delftdijk, 244, 55
Trois Ilets, 215, 93
Cefalu, 238, 688
Cordillera, 0, 768
Salvador, 1,004, 407
Maine, 644, 0
Maimoa, 54, 0
Wyoming, 196, 188
Sona, 0, 7
Cuba, 31, 21
Dresden, 87, 58
Orotava, 165, 422
Musa, 964, 43
Ancon, 4,782, 940
Santa Lucia, 315, 130
Elisha Walker, 8,640, 0
Margaret Johnson, 124, 85
Pasajero, 0, 35
Vancouver, 124, 112
Nuernberg, 57, 1,927
Oregon, 48, 423
Quirigua, 188, 572
Miss C. B., 0, 9
Quito, 747, 379
Benjamin Franklin, 25, 584
Nako Maru, 409, 119
Telde, 4,931, 212
Rhein, 12, 182
Sixaola, 156, 103
Loreto, 2, 216
Cuba, 8, 142
Orazio, 258, 0
Nero, 466, 310
Kinka Maru, 243, 0
Allister, 127, 0
American Reefer, 18, 0
Arizona, 946, 61
Phrygia, 0, 1,285½
Skjelbred, 595, 0
Ino, 342, 126
Istmo, 494, 207
Marna, 0, 92
Gertrude Maersk, 229, 127
San Francisco, 285, 385
Emma Bakke, 370, 15
Douro, 347, 210
Socrates, 0, 1,577
Francis R. Hart, 6,676, 0
Chiriqui, 11, 140½
Santa Paula, 144, 253
Durazzo, 34, 117
Hopepeak, 227, 0
Helder, 365, 226
Macabi, 0, 639
Sawokla, 181, 0
Contessa, 309, 637
Tacoma, 385, 147
City of Newport News, 367, 0
Baldbutte, 253, 0
Santa Clara, 187, 44½
Sona, 0, 8
Hermonthis, 28, 979
Inn, 75, 71
Platano, 1,283, 83
Pereira, 830, 657¼
Crawford Ellis, 0, 252
Nankai Maru, 226, 198
Iserlohn, 17, 176
Jamaica, 104, 1,138
Santa Barbara, 350, 143¼
Barneveld, 94, 90
Drechtdijk, 160, 181
Ulua, 566, 47
Guayaquil, 2,164, 439
Clio, 325, 135
Nero, 288, 110
Cerigo, 647, 325
Istmo, 716, 154
Pasajero, 23, 16
Tai Yin, 487, 0
Erlangen, 289, 54
Europa, 0, 50
Eridan, 0, 19
San Lucas, 406, 4
Colombia, 117, 92
Trois Ilets, 354, 0
Talamanca, 49, 30
Santa Elena, 155, 167
Dakarian, 291, 0
Canada, 24, 148
Dusseldorf, 124, 113
Keiyo Maru, 69, 0
Kimikawa Maru, 645, 0
Dinteldijk, 158, 178
Cefalu, 384, 580
Oropesa, 36, 382
Santa Maria, 342, 7
Musa, 1,279, 491
Chiriqui, 0, 56¼
Helga, 0, 78
De La Salle, 154, 24
Osnabruck, 182, 1,420
Jersbek, 7, 216
Portland, 30, 140
Swiftarrow, 11,107, 0
Cristobal, 4,580, 585
Maui, 283, 0
Acajutla, 1,032, 0
Veragua, 67, 630
Crown City, 159, 0
R. L. Hustler, 1½, 0
Telde, 269, 584
Manoeran, 1,210, 0
Havelland, 0, 5
Santa Inez, 280, 158
Orotava, 342, 201
Santa Marta, 177, 148
Cardonia, 749, 742
Patricia, 18, 383
Rialto, 133, 127
Ino, 246, 330
President Harrison, ¾, 0
Kaikoura, 98, 202
De La Salle, 8, 1,101
Istmo, 793, 457
Colombia, 8, 1,745
Leme, 157, 19
Baarn, 425, 1,092
Douro, 332, 30
West Caetus, 42, 218
Chilean Reefer, 198, 0
Bogota, 1,200, 247
Grete Maersk, 429, 240
Caribia, 151, 34
Quirigua, 156, 397
Santa Rosa, 96, 386
Santa Rita, 123, 0
Nero, 517, 133
Acajutla, 0, 424
Zamazuki Maru, 380, 0
Breda, 5, 238
Agrentina, 80, 187
Damsterdijk, 259, 133
Contessa, 608, 608
City of Los Angeles, 253, 0
R. L. Hustler, 0, 1
Platano, 687, 0
Trois Ilets, 200, 16
Knute Nelson, 4½, 615
Sea Star, ½, 0
John Cabot, 1,176, 535
San Rafael, 738, 1 box
Cadmus, 3, 81
Santa Clara, 380, 7
Chiriqui, 239, 895
Cerigo, 1, 333
Roda, 37½, 109
Kyusyu Maru, 170, 108
Istmo, 657, 487
Clio, 473, 348
Rhakotis, 260, 1,589
Durazzo, 920, 0
Feodosia, 130½, 61
Oakland, 72, 155
Toloa, 1,473, 182½
Buenaventura, 2,554, 740
Arminda, 213, 58
Aconcagua, 124, 0
Orduna, 31, 96
Annie Johnson, 190, 247
Santa Paula, 84, 253
Jamaica, 39, 139
Vermout, 385, ¾
Lochavon, 155, 276

BALBOA

Santa Rita, 171, 1
Este, 0, 70
Wyoming, 1,331, 0
Santa Lucia, 124, 3
Gertrude Maersk, 160, 0
City of San Francisco, 0, 2
Emma Bakke, 474, 0
Brazos, 4,250, 0
Salvador, 0, 5
Macabi, 0, 1
Santa Clara, 49, 0
City of Newport News, 123, 0
Henderson, 1, 171
Santa Barbara, 135, 6
Tai Yin, 57, 0
Ludington, 536, 1,129
Santa Maria, 19, 0
Santa Maria (Union), 12,182, 0
Crown City, 105, 0
Rialto, 599, 0
Margarethe Bakke, 74, 0
Santa Inez, 129, 3
Greta Maersk, 157, 20
Republic, 637, 75
City of Los Angeles, 131, 0
Heiyo Maru, 0, 39
Santa Clara, 88, 1
Mostun, 0, 2
Pat Doheny, 10,489, 0
Skeldergate, 570, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

During March 1939, ocean-ship passengers debarking at Cristobal numbered 2,300, embarking 2,442; at Balboa, 776 debarking, 931 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,561; from the Pacific to the Atlantic, 3,924. Commercial aircraft numbering 92 entered Cristobal, 260 passengers debarking; clearances were 92 with 268 passengers embarking. Balboa entries of aircraft numbered 52, with 135 passengers debarking; clearances were 52 with 128 passengers embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.65 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal

From midnight March 10, 1939, to midnight April 10, 1939

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Santa Rita [2]	10	11	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,506
Thrush [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Bachaquero [1]	10	...	Brit.	West India Oil Co.	Aruba, N. W. I.	Balboa, C. Z.	Drydocking	.....
Ivaran [2]	10	11	Nor.	Ivarana Rederi	Newp't News, Va.	Manila, P. I.	General	6,954
Lylepark	11	11	Brit.	Mitsubishi S. Kaisha	Lake Charles, La.	Yawata, Japan	Scrap steel	7,403
Chile [2]	9	11	Swed.	Johnson Line	Stockholm, Swed.	SanAntonio, Chile	General	3,336
San Felipe	10	12	Amer.	Pac.-Atlantic S. S. Co.	Jacksonville, Fla.	Seattle, Wash.	General	4,195
Clio [2]	4	12	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	321
Bogota [2]	9	12	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	294
Arosa [2]	11	12	Nor.	Ischudi & Eitzen	Philadelphia, Pa.	Yokohama, Japan	Scrap steel	7,425
Minerva [2]	11	12	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile	Ballast	.....
Aymeric	11	12	Brit.	Mersey Paper Co.	Liverpool, N. S.	Auckland, N. Z.	Paper	4,107
Caduceus	11	12	Brit.	Chile Nit. Sales Corp.	Stettin, Germany	Chile	Ballast	.....
Colon [2]	2-19	..	Pan.	Dom. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Texmar	3-11	12	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	4,911
West Ivis	11	12	Amer.	McCormick S. S. Co.	Buenos Aires, Arg.	Vancouver, B. C.	Gen., linseed	6,654
Athelknight [1] [2]	12	12	Brit.	Mitsubishi & Co.	Corpus Ch'ti, Tex.	Yokohama, Japan	Crude oil	12,852
Horace Luckenbach.	12	12	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,615
City of Los Angeles.	12	12	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	3,004
Este	12	13	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	2,401
Istmo	11	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	750
Roxen	12	13	Swed.	Transatlantic S. S. Co.	Baltimore, Md.	Vancouver, B. C.	Ballast	.....
Mount Atlas	12	13	Greek.	Kulukundis, Ltd.	New York, N. Y.	Yokohama, Japan	Scrap iron	8,100
Athelregent [1] [2]	12	13	Brit.	United Molasses Co.	Falmouth, Eng.	Los Angeles, Cal.	Ballast	.....
Emidio [1]	12	13	Amer.	Shell-Union Oil Co.	Boston, Mass.	Los Angeles, Cal.	Ballast	.....
Bethore	12	13	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Nicolau Virgima	13	13	Greek.	George Nicolau	Amsterdam, Neth.	Vancouver, B. C.	Ballast	.....
Hallingdal [2]	13	13	Nor.	Boe & Pedersen	Habana, Cuba	Yokohama, Japan	Scrap iron	5,020
Ino [2]	11	14	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	142
John Cabot	8	14	Brit.	West India S. S. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	513
Saarland	13	14	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	2,326
Mussolini [2]	12	...	Pan.	Dom. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Yearby	13	14	Brit.	Ropner Shipping Co.	N. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Delftdijk [2]	13	14	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Portland, Oreg.	Tinplate, gen.	1,844
Californian [2]	14	14	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,440
Svealand [2]	14	14	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Braganza [2]	14	14	Nor.	Long Is. Metal Co.	Houston, Tex.	Kobe, Japan	Scrap iron	8,996
Louisianan	14	14	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	2,050
Agapenor	14	14	Brit.	Ocean S. S. Corp.	Liverpool, Eng.	Shanghai, China	General	3,736
Point Lobos	14	15	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	General	4,929
L. P. St. Clair [1]	14	15	Amer.	Union Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Lub. oil	8,000
La Plata Maru [2]	14	15	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Gen., wool	4,352
Pacific Ranger [2]	14	15	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	636
Porto Bello [3]	14	15	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Antietam [1]	14	15	Amer.	Shell-Union Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Nuevo Panama [2]	14	..	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Panama, R. P.	Ballast	.....
Maine	14	15	Amer.	Calif.-Eastern Line	New York, N. Y.	Seattle, Wash.	General	3,309
Spencer Kellogg [1]	14	15	Amer.	Kellogg S. S. Co.	New York, N. Y.	Manila, P. I.	Ballast	.....
Grayburn	14	15	Brit.	Chile Nit. Sales Corp.	Mobile, Ala.	Chile	Ballast	.....
Lafcomo	15	15	Amer.	Luckenbach Line	Mobile, Ala.	S. Francisco, Cal.	General	4,382
Trojan Star	15	16	Brit.	Blue Star Line	Liverpool, Eng.	Auckland, N. Z.	General	8,607
Athina Livanos	15	16	Greek.	Salacencia	Pt. Royal, Jam.	Chile	Ballast	.....
Wyoming	15	16	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	(14)	3,832
Washingtonian	15	16	Amer.	Amer.-Hawaiian Line.	Wilmington, N.C.	Tacoma, Wash.	Gen., steel	4,946
Ensley City	15	16	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Tacoma, Wash.	Gen., steel	4,219
Kentuckian	15	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,932
Sona [2]	14	16	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pedregal, R. P.	Flour	7
Real [2]	14	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	14	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
American Oriole	15	16	Amer.	Freeport Sulphur Co.	Pt. Sulphur, La.	Los Angeles, Cal.	Sulphur	7,900
Santa Lucia	15	16	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	3,837
Bushnell [13]	14	16	Amer.	U. S. Navy	Norfolk, Va.	Pearl Harb., T.H.	Ballast	.....
Ida Bakke [2]	15	16	Nor.	Christian Haaland	S'ampton, Eng.	Vancouver, B. C.	Ballast	.....
Houston City [2]	15	16	Brit.	Sir W. R. Smith & Son	New Orleans, La.	Osaka, Japan	General	7,700
Orotava	15	17	Hond.	United Fruit Co.	New Orleans, La.	Champ'ico, Guat.	General	270
Point Caleta	15	17	Amer.	Swayne & Hoyt	New Orleans La.	Los Angeles, Cal.	Steel, gen.	6,052
Recina	16	17	J-Slav.	Mitsubishi S. Kaisha.	Texas City, Tex.	Kobe, Japan	Scrap iron	7,782
Foylebank [2]	16	17	Brit.	Bank Line, Ltd.	Boston, Mass.	Shanghai, China.	General	3,520
Feodosia	16	17	Ger.	Hamburg-Amer. Line.	Pt. Limon, C. R.	Champ'ico, Guat.	Ballast	.....
Mariston	16	17	Brit.	Chile Nit. Sales Corp.	Norfolk, Va.	Chile	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [10] Mine sweeper. [13] Survey ship. [14] Sand, coke, cement.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Oregon [2]	16	17	Fr.	French Line	Havre, France	Valparaiso, Chile.	Steel, gen.	1,614
Villanger [2]	16	17	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Pennmar	17	17	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,050
President Van Buren.	17	17	Amer.	Amer.-President Lines	New York, N. Y.	Los Angeles, Cal.	General	3,346
Steel Seafarer	17	18	Amer.	Isthmian S. S. Lines.	New York, N. Y.	Penang, Str. Sett.	General	7,349
Nuernberg [2]	16	18	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,890
Trois Ilets	13	17	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	93
Gypsum Queen	17	18	Brit.	Chile Nit. Sales Corp.	Lake Charles, La.	Chile	Ballast	.....
Trehata	17	18	Brit.	Hain S. S. Co.	Barry, England.	Portland, Oreg.	Ballast	.....
Sea Horse [5]	...	...	Amer.	N. E. Parker	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Orazio [2]	17	18	Ital.	Italian Line	Genoa, Italy	Valparaiso, Chile.	General	459
Rangitane [2]	17	18	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	4,974
Loreto [2]	17	18	Brit.	Pacific Steam Nav. Co.	Hull, England.	Talcahuano, Chile	General	3,924
Rhein [2]	17	19	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Manila, P. I.	Cotton, iron.	8,263
Canadian Reefer [2]	18	20	Dan.	J. Lauritzen	Schiedam, Neth.	Guayaquil, Ecua.	Ballast	.....
Nero [2]	17	18	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	325
Itukusima Maru [1]	[2] 18	19	Jap.	Mitsubishi S. Kaisha.	Liverpool, Eng.	Yokohama, Japan	(13)	11,297
Miss C. B. [3]	16	19	Brit.	Sanabria Mines, Ltd.	Tampa, Fla	Tumaco, Colom.	(14)	20
Allister	18	19	Brit.	The Texas Co.	Pt. Arthur, Tex.	Puntarenas, C.R.	(15)	914
American Reefer [2]	18	19	Dan.	F. Lauritzen	Stockholm, Swed.	Los Angeles, Cal.	Ballast	.....
Adelfoi Chandris.	18	19	Greek.	Soc. Anon. Reno Sfax.	Sfax, Tunisia	Auckland, N. Z.	Phosphates.	8,200
J. L. Luckenbach.	18	19	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., autos.	3,686
Sea Thrush	18	19	Amer.	Shepard S. S. Co.	Boston, Mass.	Seattle, Wash.	General	3,241
Trebartha	18	19	Brit.	Amer.-Australian Line	Newp't News, Va.	Fremantle, Aust.	General	4,920
Cromarty [2]	18	19	Brit.	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Ballast	.....
Marna	17	19	Dan.	J. Lauritzen	Baltimore, Md.	Talcahuano, Chile	General	2,065
Iowan	18	19	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,220
City of San Francisco.	19	19	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General	2,834
Steel Mariner	18	19	Amer.	Isthmian S. S. Lines.	New Orleans, La.	Pt. Allen, T. H.	Tinplate, gen	6,252
Ino [2]	18	19	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	114
Malayan Prince [2]	19	19	Brit.	Furness, Withy & Co.	Boston, Mass.	Saigon, China	General	3,032
Hellen	19	19	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Iquique, Chile	Ballast	.....
Emma Bakke [2]	19	20	Nor.	Knutsen Line	Oslo, Norway	Valparaiso, Chile.	General	3,505
Istmo	18	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	Gen., gas'line	747
Ferncourt [1] [2]	19	20	Nor.	Petrofina	Dunkerque, Fr.	Talara, Peru	Ballast	.....
Northumberland.	19	20	Brit.	N. Z. Shipping Co.	Falmouth, Eng.	Wellington, N. Z.	Ballast	.....
Leiv Eiriksson [1] [2]	19	20	Nor.	T. Dannevig & Co.	Havre, France	S. Francisco, Cal.	Ballast	.....
Lancaster Castle.	19	20	Brit.	Canadian Transp. Co.	Glasgow, Scot.	Vancouver, B. C.	Ballast	.....
Wiegand	19	20	Ger.	North German Lloyd.	New York, N. Y.	Moji, Japan	Scrap iron.	7,479
Wearpool [2]	19	22	Brit.	Pool Shipping Co.	Glasgow, Scot.	Vancouver, B. C.	Ballast	.....
Cachalot [7]	12	20	Amer.	U. S. Navy	Will'stad, N. W. I.	San Diego, Calif.	Ballast	.....
Cuttlefish [7]	12	20	Amer.	U. S. Navy	Will'stad, N. W. I.	San Diego, Calif.	Ballast	.....
West Cape	20	20	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	4,116
Embassage	20	20	Brit.	Mitchell Cotts & Co.	N. Shields, Eng.	Vancouver, B. C.	Ballast	.....
Iddesleigh	20	20	Brit.	Seaboard S. S. Co.	Barry, England.	Vancouver, B. C.	Ballast	.....
Clydebank [2]	20	20	Brit.	Gulf-Australian Line.	Glaveston, Tex	Adelaide, Aust.	Gen., sulphu	7,651
Brazilian Reefer [2].	20	20	Dan.	C. Lauritzen	Rotterdam, Neth.	Valparaiso, Chile.	Ballast	.....
Petropavlovsk	19	21	U.S.S.R.	Soviet Government.	New Orleans, La.	Vlad'ok, U.S.S.R.	(16)	1,267
Durazzo	20	21	Ger.	Hamburg-Amer. Line.	LaGuayra, Venez.	Guayaquil, Ecua.	General	525
City of Delhi	20	21	Brit.	Ellerman & Bucknall.	St. John, N. B.	Dunedin, N. Z.	General	2,972
Mussolini [2]	19	..	Pan.	Dom. Campodonico.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Imperial Monarch	20	21	Brit.	Andrew Weir & Co.	Freeport, Tex	Wanganui, N. Z.	Sulphur.	8,548
Vinni [2]	20	21	Nor.	Kawasaki K. Kaisha.	Boca Grande, Fla	Japan	(17)	8,042
Brazos [1]	19	21	Amer.	U. S. Navy	Houston, Tex.	Los Angeles, Cal.	(18)	.....
Tuscaloosa City.	20	21	Amer.	Isthmian S. S. Lines.	Portland, Me.	Tacoma, Wash.	Steel, gen.	3,161
Falsterbo [2]	20	21	Swed.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Vancouver, B. C.	General	2,635
Helder	20	21	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Talcahuano, Chile	General	2,341
Macabi	20	21	Pan.	United Fruit Co.	Boston, Mass.	Pto. Arm'les, R. P.	General	2,648
Treverbyn	20	21	Brit.	Hain S. S. Co.	Barry, England.	Vancouver, B. C.	Ballast	.....
Doughty [6]	11	...	Brit.	John Roby Benson.	Falmouth, Eng.	Valparaiso, Chile.	Ballast	.....
Washington Express. [2]	20	21	Nor.	Fruit Express Line	Glasgow, Scot.	Seattle, Wash.	Ballast	.....
King City	21	21	Brit.	Mitsubishi Line	Philadelphia, Pa.	Moji, Japan	Oil, scrap.	7,895
Darlington Court [2]	21	21	Brit.	Anglo-Can. S. S. Co.	London, England	Los Angeles, Cal.	Ballast	.....
Port Huron [2]	21	22	Brit.	Port Line, Ltd.	Philadelphia, Pa.	Adelaide, Aust.	General	5,164
Salvador	14	22	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Guayaquil, Ecua.	General	407
Temple Bar	21	22	Brit.	Mitsubishi S. Kaisha.	Jacksonville, Fla.	Yokohama, Japan	Scrap iron.	7,013
Hoperange [2]	21	22	Brit.	Anglo-Can. S. S. Co.	Newcastle, Eng.	Vancouver, B. C.	Ballast	.....
Chulmleigh	21	22	Brit.	Seaboard Lumber Co.	Newport, Eng.	Pacfic coast	Ballast	.....
Victory [3]	21	22	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Astoria [12]	22	23	Amer.	U. S. Navy	U. S. port	Yokohama, Japan	Corpse	.....
Mathew Luckenbach.	21	22	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	8,520
Gannet [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tacoma	21	22	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	3,375

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [10] Mine sweeper. [12] Cruiser.
[13] Topped crude oil. [14] Machinery and stores. [15] Gasoline and petroleum products. [16] Salt mining machinery.
[17] Phosphate rock. [18] Fuel, gas (36,000 barrels).

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Nuevo Panama [2]	21	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Grainton.....	22	22	Brit...	Louis Dreyfus & Co..	Cardiff, Wales...	Portland, Oreg...	Ballast.....	.....
Oritani.....	22	23	Amer..	Luckenbach Line....	New Orleans, La.	Seattle, Wash...	General.....	980
Aldington Court [2]	22	23	Brit...	Canadian Transp. Co.	Halifax, N. S....	Victoria, B. C...	General.....	2,729
Anglo Canadian [2]	22	23	Brit...	Seaboard S. S. Co....	Manchester, Eng.	Vancouver, B. C.	Ballast.....	.....
Royal Crown....	22	23	Brit...	Chile Nit. Sales Corp.	Birkenhead, Eng.	Chile.....	Ballast.....	.....
Asosan Maru [2]...	22	23	Jap...	Mitsui & Co.....	New York, N. Y.	Dairen, China...	Mach. steel.	7,974
Real [2].....	21	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Sambu [2].....	21	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Sona [2].....	21	22	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pedregal, R. P...	General.....	8
Chios.....	22	23	Greek.	Seaboard Ship. Co...	Hartlepool, Eng..	No. Pac. coast...	Ballast.....	.....
Pennsylvanian...	23	23	Amer..	Amer.-Hawaiian Line.	Boston, Mass...	Tacoma, Wash..	General.....	3,667
Gerassimos Vergottis.	23	23	Greek.	Aldelphi Vergotti, Ltd.	New York, N. Y.	Japan.....	Scrap iron...	8,500
Lebore.....	23	23	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Fernbrook [2].....	23	23	Nor...	Fern Line.....	New Orleans, La.	Osaka, Japan....	(15)	6,800
Niel Maersk [2]....	23	23	Dan...	A. P. Moller.....	Norfolk, Va.....	Shanghai, China.	General.....	5,803
Pennsylvania....	23	23	Amer..	Weyerhaeuser S. S. Co.	N. London, Conn	Seattle, Wash...	General.....	4,067
Hermonthis.....	22	24	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Valparaiso, Chile.	General.....	2,537
Daphnella [1] [2]....	23	24	Brit...	Anglo-Saxon Pet. Co.	Hebburn, Eng...	Los Angeles, Cal.	Ballast.....	.....
Baldbutte [1].....	22	24	Amer..	Shell Oil Co.....	Perth Amboy, N.J	Los Angeles, Cal.	Ballast.....	.....
Atheldukе [1] [2]....	23	24	Brit...	United Molasses Co..	Falmouth, Eng..	Los Angeles, Cal.	Ballast.....	.....
Iserlohn.....	23	24	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Champ'ico, Guat.	General.....	4,621
Thorsholm [1] [2]....	23	24	Nor...	A/S Thor, Dahl.....	Sandifjord, Nor.	Gensen, Japan.	Ballast.....	.....
Santa Barbara [2]..	24	25	Amer..	Grace Line.....	New York, N. Y.	SauAntonio, Chile	General.....	3,256
Olympia Maru [2]..	24	25	Jap...	Mitsubishi S. Kaisha.	Pt. Tampa, Fla..	Japan.....	(16)	8,438
Northmoor [2].....	24	25	Brit...	Chile Nit. Sales Corp.	Manchester, Eng.	Chile.....	Ballast.....	.....
Penrith Castle [2]..	24	25	Brit...	Barber S. S. Line....	Baltimore, Md...	Shanghai, China.	General.....	5,717
Sedgepool.....	24	25	Brit...	Cargill Grain Co.....	Norfolk, Va.....	Seattle, Wash...	Ballast.....	.....
Temple Yard....	25	25	Brit...	Anglo-Can. S. S. Co..	St. John, N. B...	Vancouver, B. C.	Ballast.....	.....
Lillian Luckenbach.	25	25	Amer..	Luckenbach Line....	Boston, Mass....	Seattle, Wash...	General.....	4,819
Deborah [2].....	24	27	Pan...	T. W. J. Taylor.....	Cristobal. C. Z..	Galapagos Island	Ballast.....	.....
Remuera.....	25	26	Brit...	N. Z. Shipping Co...	London, England	Wellington, N. Z.	General.....	4,356
Tropic Star [2]....	25	25	Nor...	Chile Nit. Sales Corp.	Wilmington, N.C.	Chile.....	Ballast.....	.....
Salt Lake City [12].	25	...	Amer..	U. S. Navy.....	Cartagena, Col..	Los Angeles, Cal.	Ballast.....	.....
Quito [2].....	16	26	Ger...	North German Lloyd.	Cristobal, C. Z..	Talara, Peru....	General.....	390
Nero [2].....	24	26	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	100
Skagerak [2].....	25	26	Nor...	O. D. Simonsen, Jr...	Jersey City, N. J.	Japan.....	Scrap iron...	7,457
Vermar.....	25	26	Amer..	Calmar Line.....	Philadelphia, Pa.	Seattle, Wash...	Steel, gen...	3,264
Clio [2].....	24	26	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	122
Kirisima Maru [2]..	25	26	Jap...	Kokusai Kisen Kaisha	New York, N. Y.	Japan.....	Oil, cotton..	8,051
Edwin Christenson.	25	26	Amer..	Sudden & Christenson	Baltimore, Md...	Seattle, Wash...	General.....	4,600
T. J. Williams [1]..	25	26	Amer..	Standard Oil of N. J..	New York, N. Y.	Talara, Peru....	Ballast.....	.....
Copiapo [2].....	26	26	Chile..	Cia Sud Amer de Vap.	Hamburg, Ger...	Valparaiso, Chile.	General.....	3,312
Northampton [12]..	26	30	Amer..	U. S. Navy.....	Cartagena, Col..	Los Angeles, Cal.	Ballast.....	.....
Pensacola [12].....	26	30	Amer..	U. S. Navy.....	Cartagena, Col..	Los Angeles, Cal.	Ballast.....	.....
Penelope [1] [2].....	25	26	Pan...	Standard Oil of N. J..	Caripito, Venez..	Tocopilla, Chile..	(17)	12,460
City of Norfolk...	26	26	Amer..	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General.....	3,627
Trekieve.....	25	27	Brit...	Seaboard Ship.Co....	Cardiff, Wales...	Pacific ports.....	Ballast.....	.....
Istmo.....	25	27	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	650
President Herrenschmidt. [1] [2]	25	27	Nor...	Pechelbronn.....	Antwerp, Belgium	Lobitos, Peru...	Ballast.....	.....
Trefusis.....	26	27	Brit...	Anglo-Can. S. S. Co..	Cardiff, Wales...	Vancouver, B. C.	Ballast.....	.....
Swiftscout [1].....	26	27	Amer..	Shell-Union Oil Co...	New York, N. Y.	Los Angeles, Cal.	Ballast.....	.....
Biddlestone.....	26	27	Brit...	Chile Nit. Sales Corp.	Baltimore, Md...	Tocopilla, Chile..	Ballast.....	.....
Oregonian.....	27	27	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Tacoma, Wash..	General.....	4,130
Canada [2].....	27	27	Dan...	East Asiatic Co.....	Goth'burg, Swed.	Vancouver, B. C.	General.....	705
Eridan [2].....	26	27	Fr....	French Line.....	Marseille, France	Noumea, N. Cal.	General.....	2,731
San Lucas.....	26	28	Amer..	Pac.-Atlantic S. S. Co.	New York, N. Y.	Tacoma, Wash..	General.....	4,010
Mussolini [2].....	27	...	Pan...	Dom. Campodonico..	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Meton [1].....	27	28	Amer..	Shell-Eastern Pet. Co.	Baltimore, Md...	B'ventura, Col...	Ballast.....	.....
Pacific Reliance [2].	27	28	Brit...	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General.....	584
Vestal [13].....	27	28	Amer..	U. S. Navy.....	Guantan'o, Cuba	Los Angeles, Cal.	Ballast.....	.....
Nicolas.....	27	28	Greek.	Dulien Steel Prod....	Providence, R. I.	Kobe, Japan....	Scrap steel..	6,704
Marore.....	27	28	Amer..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Hi Wini [14].....	...	...	Amer..	Milton Dunn.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Pereira.....	22	28	Pan...	Grace Line.....	Cristobal, C. Z..	Champ'ico, Guat.	General.....	663
City of Pittsburg.	28	28	Brit...	Ellerman & Bucknall.	New York, N. Y.	Osaka, Japan...	General.....	5,676
Hertford.....	28	29	Brit...	Fed. Steam Nav. Co..	Newport, Eng...	Dunedin, N. Z...	General.....	6,185
Nicolaou Ourania	28	29	Greek.	Iwai & Co.....	Philadelphia, Pa.	Yokohama, Japan	Scrap iron...	6,033
Trois Ilets.....	26	28	Fr....	French Line.....	Cristobal, C. Z..	B'ventura, Col...	Ballast.....	.....
Lebec [1].....	28	28	Amer..	Shell Oil Co.....	Fall River, Mass.	Los Angeles, Cal.	Ballast.....	.....
Killerig [4].....	28	28	Pan...	Mer't-Chap.-Lindsay.	Kingston, Jam...	Bona Is., R. P...	Ballast.....	.....
Ripley [2].....	28	29	Brit...	TrinderAnderson&Co.	Halifax, N. S....	Melbourne, Aust.	Newsprint..	5,526
Porto Bello [3].....	28	29	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Real, R. P.....	General.....	3

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [12] Cruiser. [13] Repair ship. [14] Sailboat. [15] Scrap iron, cotton. [16] Phosphate, pet coke. [17] Fuel and Diesel oil.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Monkleigh	28	29	Brit.	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Oropesa	28	29	Brit.	Pacific Steam Nav. Co	Liverpool, Eng.	Valparaiso, Chile.	General	2,343
Dinteldijk [2]	28	29	Neth.	Holland-Amer. Line	Rotterdam, Neth.	Vancouver, B. C.	(15)	1,809
Nosiro Maru [2]	29	29	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Yokohama, Japan	(16)	7,688
Berganger [2]	28	29	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
El Aleto [1] [2]	29	30	Brit.	C. T. Bowring & Co.	Falmouth, Eng.	La Libertad, Ecua.	Ballast	.....
Montgomery City	29	30	Amer.	Isthmian S. S. Lines	Baltimore, Md.	Honolulu, T. H.	General	4,004
Kunikawa Maru [2]	29	30	Jap.	Kawasaki K. Kaisha	New York, N. Y.	Osaka, Japan	Gen., cotton	7,850
Marika Protopapa	29	30	Greek	Livanos Brothers	Boston, Mass.	Yokohama, Japan	Scrap iron	6,583
American	29	30	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	3,133
City of Canberra	29	30	Brit.	Amer.-Australian Line	Philadelphia, Pa.	Adelaide, Aust.	General	3,949
Enoch [3]	29	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	20
Sambu [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pirre [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Real [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sona [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Tuira [2]	28	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
L-53 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Portland [2]	29	30	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Vancouver, B. C.	General	2,034
Borgestad [2]	29	30	Nor.	Canadian Transp. Co.	Pt. Tampa, Fla.	Woodfibre, B. C	General	5,488
Chiriqui [2]	29	30	Pan.	Elliot Ship. & Land Co.	San Blas, R. P.	Pto. Arm'les, R. P.	Ballast	.....
New Orleans [2]	29	30	Amer.	Amer.-Pioneer Line	Baltimore, Md.	Shanghai, China	General	3,290
Pomona	30	30	Amer.	Pac. Coast Direct Line	Norfolk, Va	Everett, Wash.	General	7,176
Tijuca [2]	30	30	Nor.	States Marine Corp.	Pt. Tampa, Fla.	Shanghai, China	Phos., cotton	6,906
Aegeon	30	31	Greek	Vergottis, Ltd.	Texas City, Tex.	Japan	Scrap iron	7,240
Absaroka	30	31	Amer.	McCormick S. S. Co.	New York, N. Y.	Tacoma, Wash.	General	3,522
Osnabruck [2]	29	31	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	4,006
Jersbek	29	31	Ger.	North German Lloyd	Hamburg, Ger.	Champ'ico, Guat.	General	3,881
Telde	30	31	Hond.	United Fruit Co	New Orleans, La.	Acajutla, Sal'dor.	General	224
Nailsea Manor	30	31	Brit.	Seaboard S. S. Co.	Birkenhead, Eng.	Vancouver, B. C.	Ballast	.....
Swiftarrow [1]	29	31	Amer.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
Tosan Maru [2]	30	31	Jap.	Osaka Syosen Kaisya.	Philadelphia, Pa.	Japan	General	6,761
Steelore	30	31	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Lewis Luckenbach	31	31	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash	General	3,862
Akaroa	30	31	Brit.	Shaw, Savill & Albion	London, England	Auckland, N. Z.	General	5,520
Sofie Bakke [2]	31	1	Nor.	Knut Knutsen, O.A.S.	Cardiff, Wales	Vancouver, B. C.	Ballast	.....
Bordeaux Maru	31	1	Jap.	K. Line	New York, N. Y.	Osaka, Japan	Cotton, rosin	7,187
Massmar	31	1	Amer.	Calmar Line	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	6,080
Santa Inez [2]	31	1	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile	General	2,176
Frida	31	1	Dan.	West Coast Line	New York, N. Y.	Talcahuano, Chile	General	1,978
Lt. Col. H. C. Schumm. [4]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
President Harrison.	1	1	Amer.	Amer.-President Lines	Colombo, Ceylon.	Round the world.	General	3,857
Agios Georgios IV	1	1	Greek	General S. S. Corp.	Tyne, England	Los Angeles, Cal.	Coke	1,501
Selma City	1	1	Amer.	Isthmian S. S. Lines	Mobile, Ala	Seattle, Wash.	Steel, tin	8,441
Gannet [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Pennsylvania Sun. [1] [2]	1	1	Amer.	Sun Oil Co	Chester, Pa.	El Segundo, Cal.	Ballast	.....
Tregarthen	1	1	Brit.	Amer.-Australian Line	Philadelphia, Pa.	Sydney, N. S. W.	General	3,699
Havelland [2]	30	2	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Cebu, P. I.	(17)	7,911
Brimanger [2]	1	2	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Ino [2]	31	2	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	300
Felix Taussig	1	2	Amer.	McCormick S. S. Co.	Hopewell, Va.	Seattle, Wash.	Nit., autos	1,938
Minnesotan	1	2	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	Gneral	3,781
City of Baltimore	2	2	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,712
Leme [2]	1	2	Ital.	Italia Line	Genoa, Italy	Vancouver, B. C.	General	376
Yamabiko Maru	2	2	Jap.	Yamashita K. Kaisha.	BuenosAires, Arg.	Kobe, Japan	Gen., cotton	6,829
Amerikaland [2]	2	2	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Istmo	1	2	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	600
Trevorian	2	3	Brit.	Mont.-Aust.-N.Z. Line	St. John, N. B.	Melbourne, Aust.	Newsprint	4,703
West Cactus	2	3	Amer.	McCormick S. S. Co	Santa Fe, Arg.	Seattle, Wash.	Geeral	6,944
Steel Exporter	2	3	Amer.	Isthmian S. S. Lines	New York, N. Y.	Hilo, T. H.	(18)	4,143
Sea Deer [13]	...	...	Amer.	B. Patchett	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Baarn	1	3	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	3,297
Blackheath	3	3	Brit.	Anglo-Can. S. S. Co.	Antwerp, Belgium	Vancouver, B. C.	General	1,982
Trontolite [1] [2]	2	3	Brit.	Imperial Oil Co.	Barranquilla, Col.	B'ventura, Col.	Gasoline	3,000
Weirbank	3	3	Brit.	Bank Line, Ltd.	Philadelphia, Pa.	Yawata, Japan	Scrap steel	8,079
Thrush [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Katrina Luckenbach.	3	3	Amer.	Luckenbach Line	Tampa, Fla.	Seattle, Wash.	General	7,222
Dewey [9]	3	4	Amer.	U. S. Navy	Guant'mo, Cuba.	San Diego, Cal.	Ballast	.....
Farragut [9]	3	4	Amer.	U. S. Navy	Guant'mo, Cuba	San Diego, Cal.	Ballast	.....
Bogota [2]	2	4	Ger.	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	231
Mussolini [2]	2	...	Pan.	Dom. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Modavia [2]	3	4	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B. C.	General	1,103
Snestad [2]	3	4	Nor.	Fern Line	Pt. Tampa, Fla.	Yawata, Japan	Scrap iron	6,915

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [9] Destroyer. [10] Mine sweeper. [13] Sailboat. [14] For bananas and return to Cristobal. [15] Cement, paper, etc. [16] General, lubricating oil, etc. [17] Scrap iron, general. [18] Steel, automobiles, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Grover J. [13]	...	...	Amer.	G. Gravatt	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Porto Bello [3]	3	3	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Oilpioneer [1] [2]	4	4	Brit.	British Oil Co.	Salzate, Belg.	Oakland, Calif.	Creosote	5,311
La Brea [1]	4	4	Amer.	Union Oil Co. of Calif.	Baltimore, Md.	Pt. San Luis, Cal.	Ballast	.....
Invella	4	4	Brit.	G. C. Kenrick & Co.	Norfolk, Va.	Tocopilla, Chile	Ballast	.....
Point Estero	4	4	Amer.	Swayne & Hoyt	Houston, Tex.	Seattle, Wash.	Gen., steel	5,926
Harpoon	4	4	Amer.	Shepard S. S. Co.	Boston, Mass.	Seattle, Wash.	General	4,406
Acajutla	29	5	Brit.	Pacific Steam Nav. Co	Cristobal, C. Z.	Champ'ico, Guat.	General	424
King Arthur [2]	4	5	Brit.	J. J. Moore	Belfast, Ireland	Estavan, B. C.	Ballast	.....
Jutland	4	5	Brit.	Seaboard Ship. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Zrinski	4	5	J-Slav.	Chile Nit. Sales Corp.	Cardiff, Wales	Chile	Ballast	.....
Laura Maersk [2]	4	5	Dan.	Isbrandtsen Moller	Baltimore, Md.	Iloilo, P. I.	General	5,113
Sona [2]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barges	.....
Moorby [2]	4	5	Brit.	Ropner Shipping Co.	Antwerp, Belg.	Vancouver, B. C.	Ballast	.....
American Robin	4	5	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	4,538
H. D. Collier [1]	4	5	Amer.	Standard Oil of Calif.	Havre, France	Los Angeles, Cal.	Ballast	.....
Hopestar	5	5	Brit.	Aust. Dispatch Line	Tyne, England	Brit. Columbia	Ballast	.....
Winona	5	5	Amer.	Pac. Coast Dir. Line	New York, N. Y.	Tacoma, Wash.	General	2,634
Trois Ilets	5	6	Fr.	French Line	Cristobal, C. Z.	Manta, Ecuador	General	17
Silversandal [2]	5	6	Brit.	Kerr S. S. Co.	New York, N. Y.	Hongkong, China	General	6,195
Annetta I. [2]	...	...	Pan.	P. W. Hamilton	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Real [2]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Sambu [2]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Herman Frasch	6	6	Amer.	Union Sulphur Co.	Galveston, Tex.	Everett, Wash.	Sulphur	6,500
Ottawa [9]	6	11	Brit.	Canadian Govt.	Bermuda, B.W.I.	Victoria, B. C.	Ballast	.....
Restigouche [9]	6	11	Brit.	Canadian Govt.	Bermuda, B.W.I	Victoria, B. C.	Ballast	.....
Fraser [9]	6	11	Brit.	Canadian Govt.	Bermuda, B.W.I.	Victoria, B. C.	Ballast	.....
St. Laurent [9]	6	11	Brit.	Canadian Govt.	Bermuda, B.W.I.	Victoria, B. C.	Ballast	.....
Hidlefjord [1] [2]	6	6	Nor.	Anglo-Saxon Pet. Co.	Curacao, N. W. I.	Los Angeles, Cal.	Ballast	.....
San Rafael	5	7	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General	3,680
Firmore	6	7	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Woodcock [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Santa Clara	6	7	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile	General	3,824
Kansan	7	7	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	2,829
Emma R. S. [2]	30	...	Amer.	Van Camp Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Port St. John [2]	7	...	Brit.	Mont.-Aust.-N.Z.Line	St. John, N. B.	Adelaide, Aust.	General	5,143
Ginnheim	7	8	Ger.	Mitsui Line	Philadelphia, Pa	Dairen, China	Iron, steel	8,324
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Arna [2]	7	8	Nor.	L. I. Mach. & Equip.	New York, N. Y.	Kobe, Japan	Scrap iron	7,205
Hoxbar [1]	8	8	Amer.	Shell Oil Co.	Portland, Me.	Los Angeles, Cal	Ballast	.....
Nero [2]	3	8	Neth.	Royal Neth. S. S. Co	Cristobal, C. Z.	B'ventura, Col.	General	121
Dorothy Luckenbach.	8	8	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,386
Mostun [2]	8	8	Nor.	Neptune Shipping Co	Havre, France	Los Angeles, Cal.	Ballast	.....
Tomislav	8	8	J-Slav.	Chile Nit. Sales Corp.	Dubrovnik, J-Slav	Iquique, Chile	Ballast	.....
Rhakotis [2]	7	8	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Valparaiso, Chile	General	3,047
Dardanus	8	8	Brit.	Alfred Holt & Co.	New York, N. Y.	Hongkong, China	General	3,325
Mexican	8	9	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Tacoma, Wash.	General	3,868
Bahrein [1]	8	9	Pan.	Standard Oil of Calif	Rouen, France	Los Angeles, Cal	Ballast	.....
Cerigo	6	9	Ger.	Hamburg-Amer. Line	Cartagena, Col.	Guayaquil, Ecua.	(14)	520
Istmo	7	9	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	725
Karmt [2]	8	9	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Tocopilla, Chile	Ballast	.....
Clio [2]	7	9	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	316
City of Newport News.	9	9	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,404
Mobile City	9	9	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Seattle, Wash.	Steel, gen.	3,973
Mosli [1] [2]	9	9	Nor.	Petroleos Mexicanos.	Tampico, Mexico	Guaymas, Mexico	(15)	12,300
Yorkmar	9	9	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,605
Fernbank [2]	9	10	Nor.	Fern Line	Baltimore, Md.	Dairen, China	General	7,230
Pacific Enterprise. [2]	9	10	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	577
No. 6021 [13]	...	...	Amer.	John C. Menuey	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Annie Johnson [2]	9	10	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	General	4,861
Soloy [2]	9	10	Nor.	L. I. Mach. & Equip.	Providence, R. I.	Osaka, Japan	Scrap iron	7,815
Yomachichi [2]	10	10	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa	Fremantle, Aust.	General	3,556
John Cabot	5	11	Brit.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	643
Tai Shan [2]	10	10	Nor.	Barber Line	New York, N. Y.	Yokohama, Japan	(16)	4,900
Vermont	10	11	Amer.	Calif. Eastern Line	New York, N. Y.	Tacoma, Wash.	Gen., autos.	4,412
Sidney M. Hauptman.	10	11	Amer.	McCormick S. S. Co.	Norfolk, Va.	Seattle, Wash.	General	3,616
Chilore	10	11	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [9] Destroyer. [10] Mine sweeper. [13] Sailboat. [14] Beer, salt, general. [15] Fuel oil, kerosene, gasoline. [16] Scrap iron, general.

PACIFIC to ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Timber Rush	10	11	Amer.	Shepard S. S. Co.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,672
Istmo	10	12	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	715
Ino [2]	11	13	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(14)	544
Samuel Bakke [2]	10	11	Nor.	Knut Knutsen, O.A.S.	Valparaiso, Chile.	Oslo, Norway	(15)	7,001
Colombo	11	12	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	2,432
Porto Bello [2]	11	11	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(16)	17
Treminnard	12	12	Brit.	Ross T. Sangth & Co.	Portland, Oreg.	Cobh, Ireland [13]	Wheat	7,958
Mussolini [2]	12	13	Pan.	Dom. Campodonico	Darien, R. P.	Cristobal, C. Z.	Bananas	63
F. J. Luckenbach	12	12	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,174
Chateau Thierry [8]	10	13	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Army stores.	104
Rothermere	12	13	Brit.	Continental Grain Co.	Portland, Oreg.	Tampico, Mexico	Wheat	8,134
Trois Ilets	12	17	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	195
Geddington Court	12	13	Brit.	Canadian Transp. Co.	Seattle, Wash.	Liverpool, Eng.	Wheat, lum.	10,010
Steelore	13	13	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Jeanne D'Arc [12]	7	13	Fr.	French Government	La Libertad, Ecu.	New Orleans, La.	.....	.....
Oregon Express [2]	12	13	Nor.	Fruit Express Line	Vancouver, B. C.	Havre, France	Fresh fruit	1,950
Orbita	13	13	Brit.	Pacific Steam Nav. Co	SanAntonio, Chile	Liverpool, Eng.	(15)	6,199
Hawaiian	13	13	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	6,513
Santa Inez [2]	13	14	Amer.	Grace Line	Chanaral, Chile.	New York, N. Y.	General	3,423
Firby	13	14	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Avonmouth, Eng.	Grain	8,050
Nuevo Panama [2]	13	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	73
Salvador	14	21	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	General	1,005
Ingerseks	14	14	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Camden, N. J.	Nitrate	7,765
Charles R. McCormick.	14	15	Amer.	McCormick S. S. Co.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	6,504
Thrush [4]	14	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Laila	14	15	Dan.	Wessel, Duval & Co.	SanAntonio, Chile	New York, N. Y.	General	2,657
Tuira [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	52
Sona [2]	13	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Real [2]	14	15	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	31
Ardanbhan	14	15	Brit.	Ross T. Smith & Co.	Portland, Oreg.	Cobh, Ireland [13]	Wheat	7,746
Pacific Grove [2]	15	15	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	9,001
Maimoa	15	15	Brit.	Shaw, Savill & Albion	Auckland, N. Z.	London, England	Frozen, gen.	6,834
Dresden [2]	15	15	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,168
Sakito Maru [2]	14	15	Jap.	Nippon Yusen Kaisha	Nagasaki, Japan	Hamburg, Ger.	(17)	8,321
Tamaroa	15	16	Brit.	Shaw, Savill & Albion	Wellington, N. Z.	London, England	Frozen, gen.	5,520
Nemanja	15	16	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	St. Thomas, V. I.	Nitrate	7,575
Commissaire Ramel.	15	16	Fr.	Messageries Marit'es.	Noumea, N.Caled	Marseille, France	(18)	6,162
Chelsea	15	16	Brit.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nit. of soda.	8,750
Georgian	15	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	7,963
Swiftpool	15	16	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Cobh, Ireland [13]	Wheat	8,470
Lionel [2]	16	16	Nor.	Waterman S.S. Agency	Iloilo, P. I.	Philadelphia, Pa.	Sugar	8,000
Quito [2]	16	...	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	(19)	675
Vancouver	16	17	Ger.	Hamburg-Amer. Line.	S. Francisco, Cal.	Hamburg, Ger.	General	7,534
Margaret Johnson. [2]	16	16	Swed.	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	(20)	6,542
Walter A. Luckenbach.	16	16	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	7,619
La Brea [1]	16	17	Amer.	Union Oil of Calif.	Pt. S. Luis, Calif.	Baltimore, Md.	Crude oil	9,567
Nako Maru [2]	16	17	Jap.	Nippon Yusen Kaisha	Keelung, Japan.	Baltimore, Md.	Sugar, gen.	6,418
Hindanger [2]	16	17	Nor.	Interocean S. S. Corp.	Los Angeles, Cal.	Havre, France	(21)	7,661
Benjamin Franklin. [2]	16	17	Nor.	Fred Olsen Line	Vancouver, B. C.	Oslo, Norway	General	8,766
Gen. Wm. M. Graham. [11]	16	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
L-53 [3]	16	..	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Amerikaland [2]	16	17	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,600
Pajala [2]	16	17	Swed.	Anglo-Can. S. S. Co.	Vancouver, B. C.	London, England	(22)	8,800
Mabriton	16	17	Brit.	R. Chapman & Son	Vancouver, B. C.	Glasgow, Scot.	Wheat	9,750
Nero [2]	16	18	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(23)	423
Telde	17	17	Hond.	United Fruit Co.	Acajutla, Salv.	New Orleans, La.	(24)	779
Schuylkill [1] [2]	16	17	Brit.	Standard Oil Co.	Los Angeles, Cal.	Aruba, N. W. I.	Gasoline	12,801
Tower Field	16	18	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	New York, N. Y.	Lumber, gen.	5,455
Skjelbred [2]	16	18	Nor.	Kawasaki K. Kaisha.	Manila, P. I.	New York, N. Y.	General	5,808
Arizona	17	18	Fr.	French Line	Valparaiso, Chile.	Havre, France	(25)	8,458
Cordillera	17	18	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow, Scot.	General	6,161
Ulm [2]	17	18	Ger.	North German Lloyd.	Seattle, Wash.	Hamburg, Ger.	Fresh fruit	1,556
Istmo	17	19	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	448
Mosfruit [2]	17	18	Nor.	Martin Mosvold	Seattle, Wash.	Rotterdam, Neth.	(26)	2,048
Ino [2]	18	19	Neth.	Royal Neth S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides	311
Bachaquero [1]	11	18	Brit.	West India Oil Co.	Balboa, C. Z.	Cartagena, Col.	Ballast	.....
Lowther Castle	17	18	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [13]	Nitrate	8,800
Kinka Maru [2]	18	18	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	Galveston, Tex.	(27)	8,236
Hird [2]	18	18	Nor.	Seaboard Shipping Co	Victoria, B. C.	New York, N. Y.	Lumber	8,160
Charles H. Cramp	18	19	Amer.	Isthmian S. S. Lines	S. Francisco, Cal.	Baltimore, Md.	Lumber, gen.	7,828
San Francisco	18	19	Fr.	French Line	Seattle, Wash.	Havre, France	General	6,279

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [8] Transport. [11] Mine planter. [12] Cruiser. [13] For orders. [14] Coffee, ivory nuts, general. [15] Nitrate, copper, general. [16] Plantains, potatoes. [17] Peanut oil, beans, lumber. [18] Copra, coffee, cacao. [19] Cacao, coffee, wood, hides. [20] Fruit, coffee, general. [21] Wheat, lumber, general. [22] Wheat, barley, oats, lumber. [23] Coffee, tagua, wood, rubber. [24] Coffee, bananas, cotton. [25] Copper, nitrate, cotton. [26] Fresh fruit, solvent. [27] Sugar, rubber, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Benledi	18	19	Brit...	Geo. H. Scales, Ltd...	Wellington, N. Z.	London, England	(14)	3,013
Honolulan	18	19	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Baltimore, Md...	General	7,596
Porto Bello [2]	18	18	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	8
Gertrude Maersk[2]	18	19	Dan...	A. P. Moller	Hongkong, China	Baltimore, Md...	(16)	4,564
Esso Baltimore [1]	19	19	Amer..	Shell-Union Oil Corp..	Los Angeles, Cal.	Baltimore, Md...	Gasoline	12,000
Mosli [1] [2]	19	19	Nor...	Petroleos Mexicanos..	Guaymas, Mexico	Minatitlan	Ballast	.....
Firmore	19	19	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	11,850
Mussolini [2]	19	20	Pan...	Dom. Campodonico..	Darien, R. P.	Cristobal, C. Z..	Bananas	61
Peebles [2]	19	20	Brit...	Canadian Transp. Co.	Pt. Alberni, B. C.	Hull, England	Grain, lum..	9,040
San Simeon	19	20	Amer..	Quaker Line	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	8,138
Hopepeak [2]	20	21	Brit...	Hamburg-Amer. Line.	Manila, P. I.	New York, N. Y.	General	7,725
Buenos Aires [2]	20	21	Swed..	Johnson Line	Valparaiso, Chile.	Stockholm, Swed.	General	9,011
Hamakua	20	21	Amer..	Matson Nav. Co.	Honolulu, T. H..	Baltimore, Md...	(17)	8,514
Temple Mead	20	21	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [13]	Nit. of soda.	7,742
Gryfevale	20	21	Brit...	Chile Nit. Sales Corp.	Ant'fagasta, Chile	Azores [13]	Nit. of soda.	7,695
Sea Horse [5]	21	...	Amer..	N. E. Parker	Balboa, C. Z.	Cristobal, C. Z..	Ballast	.....
Sumar [2] [6]	19	22	Amer..	Mrs. Susan Whitney.	Valparaiso, Chile.	Miami, Fla.	Ballast	.....
Nuevo Panama [2]	20	22	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	97
Sawokla [2]	20	21	Amer..	Roosevelt S. S. Co.	Hongkong, China	New York, N. Y.	General	7,025
Texan	21	21	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass...	General	8,000
Rajahstan	20	21	Brit...	Empire Shipping Co..	Vancouver, B. C.	Avonmouth, Eng.	Grain	9,600
Edgar F. Luckenbach.	21	21	Amer..	Luckenbach Line	Portland, Oreg...	Tampa, Fla.	General	9,203
Epaminondos C. Embiricos.	20	21	Greek.	Louis Dreyfus & Co..	Union Bay, B. C.	Cobh, Ireland[13]..	Wheat	7,100
City of Newport News.	21	22	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	6,114
San Cipriano [1] [2]	21	22	Brit...	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N.W.I..	Gasoline	11,726
Athelviscount[1] [2]	21	22	Brit...	United Molasses Co..	Hawaii, T. H.	Birkenhead, Eng.	Molasses	13,373
Pereira	21	28	Pan...	Grace Line	Champ'ico, Guat.	Cristobal, C. Z..	General	717
Sambu [2]	21	22	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	51
Real [2]	21	22	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	44
Sona [2]	21	22	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	42
Dakotan	22	22	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass.	General	6,869
Tongariro	22	22	Brit...	N. Z. Shipping Co.	Auckland, N. Z..	Newcastle, Eng..	Frozen, gen.	5,729
Knoxville City	22	22	Amer..	Isthmian S. S. Lines..	Vancouver, B. C.	Avonmouth, Eng.	(18)	8,412
Santa Clara	21	22	Amer..	Grace Line	SanAntonio, Chile	New York, N. Y.	General	3,362
Inn	22	23	Ger...	North German Lloyd.	Champ'ico, Guat.	Bremen, Ger.	(19)	2,274
K. I. Luckenbach	22	23	Amer..	Luckenbach Line	Seattle, Wash...	Boston, Mass.	General	8,737
Portmar	22	23	Amer..	Calmar Line	Wauna, Oreg.	Philadelphia, Pa.	Lumber	7,468
Nankai Maru [2]	22	23	Jap...	Osaka Syosen Kaisya	Dairen, China	Antwerp, Belgium	(20)	5,526
Atutasan Maru [2]	23	23	Jap...	Mitsui & Co.	Manila, P. I.	New York, N. Y.	General	6,935
Edward Luckenbach.	23	23	Amer..	Luckenbach Line	Seattle, Wash...	Boston, Mass.	Lumber, gen.	6,906
Bradglen	23	23	Brit...	Mitsubishi S. Kaisha.	Rashin, Korea	Hamburg, Ger.	Soy beans	8,150
Cerigo	23	...	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	(21)	583
Rio Branco [2]	23	24	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	St. John, N. B..	Nitrate	4,340
Vojvoda Putnik	23	24	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Alexandria, Egypt	Nitrate	8,850
Clio [2]	24	25	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, balsa.	296
Nero [2]	23	25	Neth..	Royal Neth. S. S. Co.	Tumaco, Colom..	Cristobal, C. Z..	(22)	262
California Standard.[1] [2]	23	24	Pan...	Foreign Tankship	El Segundo, Calif	Hull, England	Gasoline	15,263
Chilore	24	24	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	22,000
Barnveveld	24	24	Neth..	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,000
Wildwood	24	24	Amer..	Puget Sd. Asso. Mills.	Olympia, Wash..	New York, N. Y.	Lumber	6,976
Drechtdijk [2]	24	25	Neth..	No. Pac. Coast Line..	Victoria, B. C.	Rotterdam, Neth.	General	10,245
Gannet [4]	24	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Santore	24	25	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore	11,500
Point Salinas	24	25	Amer..	Gulf-Pacific Line	S. Francisco, Cal.	Panama City, Fla.	Sugar, gen..	6,170
Istmo	24	26	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee	650
Nordlys	25	25	Dan...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Charleston, S. C.	Nitrate	6,470
Bodegraven	24	25	Neth..	Royal Neth. S. S. Co.	Ant'fagasta, Chile	Europe [13]	Nitrate	7,315
Henderson [8]	24	25	Amer..	U. S. Navy	S. Francisco, Cal.	Norfolk, Va.	Navy stores.	623
Philante [2] [6]	23	25	Brit...	T. O. M. Sopwith	Mazatlan, Mex..	S'ampton, Eng..	Ballast	.....
Baxtergate	24	25	Brit...	Seaboard Ship. Co.	Vancouver, B. C.	Glasgow, Scot.	Grain, lum..	8,958
Tai Yin [2]	25	26	Nor...	Barber Line	Lalawigen, P. I..	New York, N. Y.	(23)	5,826
Erlangen	25	26	Ger...	North German Lloyd.	Sydney, Aust.	Antwerp, Belgium	(24)	7,752
San Anselmo	25	26	Amer..	Quaker Line	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	7,702
Barrhill	25	26	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Leith, Scotland..	General	7,402
Trois Ilets	25	28	Fr...	French Line	B'ventura, Col...	Cristobal, C. Z..	Coffee	321
Victory [2]	25	25	Pan...	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(25)	10
Karint [2]	26	26	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Savannah, Ga.	Nitrate	8,890
Nurtureton	26	27	Brit...	R. Cahpman & Son..	Vancouver, B. C.	Cobh, Ireland [13].	Wheat	9,050
Europa [2]	26	27	Dan...	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	(26)	9,573
Mussolini [2]	26	27	Pan...	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z..	Bananas	74
Risanger	26	27	Nor...	States Marine Corp.	Manila, P. I.	Philadelphia, Pa.	Sugar in bags	7,615

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [13] For orders. [14] Wool, hides, tallow. [15] Plantains, lumber. [16] Sugar, oil, general. [17] Pineapples, sugar, canec. [18] Grain, lumber, general. [19] Coffee, cotton, wood. [20] Soy beans, silk, general. [21] Coffee, nuts, wood. [22] Coffee, hides, rubber. [23] Sugar, oil, general. [24] Flour, wool, lead. [26] Plantains, lumber. [26] Grain, fruit, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Korana	26	27	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [13]	Nitrate	8,150
Dusseldorf [2]	26	27	Ger.	North German Lloyd.	Talcahuano, Chile	Hamburg, Ger.	General	5,320
Allister	26	27	Brit.	Texas Oil Co.	Puntarenas, C. R.	Kingston, Jam.	Ballast	.....
Vibran [2]	27	27	Nor.	Knutsen Line	Seattle, Wash.	Cardiff, Wales	Fresh fruit	1,504
Ruahine	26	27	Brit.	N. Z. Shipping Co.	Napier, N. Z.	Glasgow, Scot.	Frozen, gen.	4,661
Tropic Sea [2]	26	27	Nor.	Spreckles & Co.	Manila, P. I.	New Orleans, La.	Sugar	8,161
Keiyo Maru [2]	27	27	Jap.	Nippon Yusen Kaisha	Iloilo, P. I.	New Orleans, La.	Sugar, gen.	7,578
Kimikawa Maru [2]	27	28	Jap.	"K" Line	Manila, P. I.	New York, N. Y.	Silk, gen.	4,449
Nordstjernan [2]	27	28	Swed.	Johnson Line	Valparaiso, Chile.	Stockholm, Swed.	General	5,723
Penelopi	27	28	Pan.	Joseph Pyke & Son	Vancouver, B. C.	Cobh, Ireland.	Wheat	8,318
West Notus	27	28	Amer.	McCormick S. S. Co.	Seattle, Wash.	New York, N. Y.	Lumber, gen.	7,347
Marymar	27	28	Amer.	Calmar Line	S. Francisco, Cal.	Baltimore, Md.	(15)	7,562
British Columbia Express. [2]	27	28	Nor.	Fruit Express Line	Vancouver, B. C.	Glasgow, Scot.	(16)	2,405
Chiriqui [2]	27	28	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	San Blas, R. P.	Ballast	.....
Derrymore [2]	27	28	Brit.	J. J. Moore	Manila, P. I.	New Orleans, La.	Sugar	9,360
Texas Sun 1 [2]	27	28	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	14,951
Heranger [2]	27	28	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth.	(17)	7,633
Gypsum Prince	27	28	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Norfolk, Va.	Nitrate	6,380
Hagan [1]	27	28	Amer.	Shell Oil of N. Y.	Los Angeles, Cal.	Houston, Texas.	(18)	9,149
Appeldore	27	28	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	London, England	Wheat, lum.	9,400
Pirre [2]	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Tuira [2]	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	55
Sona [2]	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	28
Real [2]	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	34
Sambu [2]	28	29	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	48
Lt. Col. H. C. Schumm. [4]	28	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Maui	28	29	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,575
Ludington [8]	27	30	Amer.	U. S. Army	S. Francisco, Cal.	New York, N. Y.	Army gen.	1,267
Fernhill [2]	27	29	Nor.	Fern Line	Manila, P. I.	No. of Hatteras	Sugar	5,890
Chickasaw City	28	29	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Mobile, Ala.	Ballast	.....
Carolinian	28	29	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,939
Ardangorm	28	29	Brit.	Cargill, Inc.	Portland, Oreg.	Cobh, Ireland [13]	Wheat	7,986
Helga	28	30	Dan.	J. Lauritzen	Valparaiso, Chile.	Boston, Mass.	General	2,700
Acajutla	28	4	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	(19)	1,032
Rangitiki [2]	27	29	Brit.	N. Z. Shipping Co.	Lyttelton, N. Z.	London, England	(20)	6,585
Ferncourt 1 [2]	28	30	Nor.	Purfina, Brussels	Talara, Peru	Dunkerque, Fr.	Crude oil	14,344
Santa Maria [2]	28	29	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	4,015
Birmingham City.	28	30	Amer.	Isthmian S. S. Lines	Los Angeles, Cal.	Baltimore, Md.	(21)	6,619
Hegira	28	30	Amer.	Weyerhaeuser S. S. Co	Everett, Wash.	Norfolk, Va.	Lumber, gen.	9,315
Suva	28	30	Brit.	W. R. Carpenter & Co	Suva, Fiji Is.	Rotterdam, Neth.	Copra	6,240
Nebraskan	29	30	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,965
Emma R. S. [2]	26	7	Amer.	Van Camp Seafood Co	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Charles Christenson.	29	30	Amer.	Arrow Line	So. Bend, Wash.	Baltimore, Md.	Lum., pulp.	7,672
Lenda [2]	29	30	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Gulf ports	Nitrate	6,544
K. R. Kingsbury [1]	29	30	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	(22)	11,258
Crown City [2]	29	31	Amer.	Roosevelt S. S. Co.	Hinigaran, P. I.	New York, N. Y.	Ore, sugar	6,060
Nolisement	29	30	Brit.	No. Pacific S. S. Co.	Los Angeles, Cal.	Capetown, Africa	Lumber	6,795
Nereus	29	30	Greek.	General Shipping Co.	Portland, Oreg.	Cobh, Ireland [13]	Wheat	8,890
Manoeran [2]	29	31	Neth.	Java Pacific Line	Portland, Oreg.	Beira	Lumber	7,362
Margrethe Bakke [2]	30	31	Nor.	Knutsen Line	SanAntonio, Chile	Stockholm, Swed.	General	7,765
Koln	30	31	Ger.	North German Lloyd.	Tocopilla, Chile.	Hamburg, Ger.	General	7,848
Beckenham	30	31	Brit.	Anglo-Canadian Co.	Pt. Alberni, B. C.	London, England	Lum., spelter	8,414
Pacific Shipper [2]	30	31	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	7,543
Harpathian	30	31	Brit.	Canadian Transp. Co.	Vancouver, B. C.	St. Johns, N. B.	(23)	5,824
Siljestad [2]	30	31	Nor.	Fern Lines	HagnayaBay, P.I.	No. of Hatteras	Sugar	7,500
Ino [2]	30	1	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(24)	224
Orotava	30	31	Hond.	United Fruit Co.	Acajutla, Sal'dor.	New Orleans, La.	Coffee, gen.	705
Jersey City	30	31	Brit.	East Asiatic Co.	Rashin, Korea	Cobh, Ireland [13]	Soy beans	8,851
Steel Voyager	31	31	Amer.	Isthmian S. S. Lines	Hilo, T. H.	Baltimore, Md.	(25)	8,587
Rialto [2]	30	1	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	(26)	6,572
Julia Luckenbach.	31	1	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	(27)	7,498
Tampa [2]	31	1	Amer.	Roosevelt S. S. Co.	Fremantle, Aust.	St. John, N. B.	General	3,334
Kaikoura [2]	31	1	Brit.	M. A. N. Z. Line	Launceston, Tas.	St. John, N. B.	General	2,400
Istmo	31	2	Pan.	Elliot Ship. & Land Co	B'ventura, Col.	Cristobal, C. Z.	Coffee	720
Kingfisher [5]	31	...	Amer.	Co. M, 33d Infantry	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Utahan	1	1	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	7,104
San Vincente	1	1	Amer.	Pacific-Atlantic Co.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	7,556
Flomar	1	1	Amer.	Calmar Line	Astoria, Oreg.	Baltimore, Md.	(28)	7,072
Kirkpool	1	1	Brit.	Sir R. Ropner & Co.	Vancouver, B. C.	Rotterdam, Neth.	Wheat, lum.	7,862
Herman F. Whiton	1	1	Amer.	Dutton Lumber Corp.	Tacoma, Wash.	Providence, R. I.	Lumber	7,200
Chilean Reefer [2]	1	2	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine	(29)	1,617
Gadila 1 [2]	1	2	Neth.	Pert. Comp. La Corona	Los Angeles, Cal.	Curacao, N. W. I.	Kerosene	11,799
Kaimoku	1	2	Amer.	Matson Nav. Co.	Honolulu, T. H.	New York, N. Y.	Sugar, canec.	8,778

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [8] Transport. [13] For orders. [15] Lumber, pulp, copper. [16] Fresh apples and pears. [17] Wheat, fruit, general. [18] Gasoline, kerosene. [19] Coffee, wood, general. [20] Meat, wool, general. [21] Lumber, pulp, general. [22] Cutback asphalt. [23] Lumber, canned goods. [24] Cacao, ivory nuts. [25] Sugar, canned goods, general. [26] Grain, wood, general. [27] Borax, sugar, general. [28] Lumber, wood pulp. [29] Fresh fruit, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Ramon de Larrinaga.	1	2	Brit...	Canadian Transp. Co.	Pt. Alberni, B. C.	London, England	General.....	8,850
Porto Bello [2].....	1	1	Pan...	A. Tagaropulos.....	Darien, R. P....	Colon, R. P.....	Plant., lum..	8
Bethore.....	2	2	Amer..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,500
Bogota [2].....	2	3	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	(15)	1,022
Velero III [2].....	29	2	Amer..	G. A. Hancock.....	Los Angeles, Cal.	Trinidad, B.W.I.	Ballast.....	.....
Mount Othrys...	1	2	Pan...	J. Pyke.....	Portland, Oreg...	United Kingdom.	Wheat.....	8,250
Robert Luckenbach.	2	2	Amer..	Luckenbach Line....	Seattle, Wash...	Tampa, Fla	Lumber, gen.	8,337
Mussolini [2].....	2	3	Pan...	Enrique Obarrio.....	Darien, R. P....	Cristobal, C. Z..	Bananas....	95
Tejon [1].....	2	3	Amer..	Shell Oil Co..	Los Angeles, Cal.	Fall River, Mass.	Fuel oil.....	8,824
Greta Maersk [2]...	2	3	Dan...	A. P. Moller....	Manila, P. I....	Baltimore, Md...	(16)	6,809
San Roberto [1]....	2	3	Brit...	Anglo-Saxon Pet. Co.	Valparaiso, Chile.	Curacao, N.W.I.	Ballast.....	.....
Nero [2].....	2	8	Neth..	Royal Neth. S. S. Co.	Tumaco, Colom..	Cristobal, C. Z..	(17)	470
California Express. [2]	2	3	Nor...	Fruit Express Line...	Seattle, Wash...	Liverpool, Eng..	Fresh fruit..	1,781
T. J. Williams [1]..	3	3	Amer..	Agwi Petroleum Co..	Talara, Peru....	S'ampton, Eng..	Gas oil.....	11,608
Canadian Cruiser.	3	3	Brit ...	M. A. N. Z. Line....	Paa'e, N. Caled..	New York, N. Y.	Chrome ore.	8,744
Floridian .	3	3	Amer..	Amer.-Hawaiian Line.	Seattle, Wash ..	Boston, Mass...	Lumber, gen.	6,075
Santa Rita [2] ...	3	4	Amer..	Grace Line.....	Chanaral, Chile..	New York, N. Y.	Cooper, gen.	3,644
Baldhill [1].....	3	3	Amer..	Shell Terminal Corp..	Los Angeles, Cal.	Bayonne, N. J...	Fuel oil.....	9,529
Breda. .	3	5	Neth .	Royal Neth. S. S. Co.	Corral, Chile ...	Hamburg, Ger...	General.....	7,387
President Herrenschmidt. [2]	3	4	Nor...	Pechelbron, Paris ...	Lobitos, Peru....	Donges, France..	Crude oil...	13,260
Henry S. Grove..	3	4	Amer..	Isthmian S. S. Lines..	Seattle, Wash...	Baltimore, Md...	Lumber, gen.	5,361
Yamazuki Maru [2]	3	4	Jap ..	Yamashita K. Kaisha	Dairen, China. .	Rio de Janeiro.	General.....	2,489
Argentina [2].....	4	5	Swed..	Johnson Line.....	Vancouver, B. C.	Stockholm, Swed.	(18)	6,029
Damsterdijk [2]....	4	5	Neth..	Holland-Amer. Line..	Victoria, B. C...	Rotterdam, Neth.	General.....	9,462
City of Los Angeles.	4	5	Amer..	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General.....	4,002
Lady Glanely [2]...	4	4	Brit...	Seaboard Ship. Co...	Vancouver, B. C.	London, England	Wheat, lum.	9,600
Caduceus.....	4	5	Brit...	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [14].....	Nit. of soda.	8,000
Sage Brush.....	4	5	Amer..	Shepard S. S. Co.....	Tacoma, Wash..	Albany, N. Y....	Lumber, gen.	7,322
Trois Ilets.....	4	5	Fr.....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	181
John Cabot.....	4	10	Brit...	Grace Line.....	Champ'ico, Guat.	Cristobal, C. Z..	General.....	1,084
Lerwick.....	4	5	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Charleston, S. C.	Nitrate.....	8,910
Sambu [2].....	4	5	Pan...	Elliot Ship. & Land Co.	Dairen, R. P....	Cristobal, C. Z..	Bananas....	58
Real [2].....	4	5	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	31
Sona [2].....	4	4	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	23
Royal Sceptre....	4	5	Brit...	Anglo-Can. S. S. Co..	Vancouver, B. C.	S'ampton, Eng..	Wheat, lum.	8,448
Svealand [2].....	4	5	Swed..	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	22,300
Rancagua [1].....	2	5	Chile...	Chilean Government.	Valparaiso, Chile.	Habana, Cuba...	Ballast.....	.....
Knute Nelson [2]...	4	6	Nor...	Fred Olsen & Co.....	Vancouver, B. C.	Oslo, Norway....	General.....	6,832
Ringar [2].....	4	5	Nor...	Seaboard Ship. Co...	Vancouver, B. C.	Albany, N. Y....	Lumber....	7,513
Comol Rico.....	4	5	Amer..	Com. Molasses Co....	Honolulu, T. H..	Houston, Tex....	Molasses....	7,306
Arkansan.....	5	6	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	6,894
Cathwood [1].....	5	6	Amer..	Union Oil of Calif....	Pt. San Luis, Cal.	Savannah, Ga...	Crude oil...	9,453
Port Hunter.....	5	6	Brit...	Port Line, Ltd.....	Gisbourne, N. Z.	London, England	Frozen, gen.	6,356
Republic [8].....	4	6	Amer..	U. S. Army.....	Honolulu, T. H..	New York, N. Y.	General.....	1,021
L. A. Christensen[2]	5	6	Nor...	Canadian-Gulf Line .	Powell Riv., B.C.	Houston, Tex....	(19)	5,178
Astra.....	5	...	Nor...	N. Atlantic & Gulf Co.	Callao, Peru.....	Cristobal, C. Z.[14]	(20)	900
Macabi.....	6	6	Pan...	United Fruit Co	Puntarenas, C. R.	Boston, Mass....	Ballast.....	.....
Tilsington Court..	6	6	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Liverpool, Eng..	(21)	9,350
Harry Luckenbach.	6	6	Amer..	Luckenbach Line....	Seattle, Wash...	New York, N. Y.	Lumber, gen.	7,596
Parthenia.....	6	6	Brit...	Donaldson Line.....	Victoria, B. C...	Glasgow, Scot...	General.....	6,391
Mokihana.....	6	6	Amer..	Matson Nav. Co.....	Pt. Allen, T. H..	New Orleans, La.	(22)	8,364
Heffron.....	6	7	Amer..	Weyerhaeuser S.S. Co.	Seattle, Wash...	New York, N. Y.	Lumber, gen.	9,280
Holystone.....	6	7	Brit...	Northumberland Co..	Vancouver, B. C.	Cobh, Ireland[14]..	Wheat.....	8,280
Porto Bello [2].....	6	6	Pan...	A. Tagaropulos.....	Darien, R. P....	Colon, R. P.....	Plant., lum..	8
Clio [2].....	6	9	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	(23)	430
Kyusyu Maru [2]..	7	7	Jap...	Osaka Syosen Kaisya	Manila, P. I....	Baltimore, Md...	(16)	5,714
Feodosia.....	7	8	Ger...	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger...	General.....	2,842
Thrush [13].....	7	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Durazzo.....	7	...	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	(24)	839
Roda [2].....	7	7	Ger...	Hamburg-Amer. Line.	Corral, Chile....	Hamburg, Ger...	General.....	7,448
San Bernardino...	7	7	Amer..	States S. S. Co....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	7,095
Oakland [2].....	7	8	Ger...	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger...	General.....	7,548
Istmo.....	7	9	Pan...	Elliot Ship. & Land Co.	B'ventura. Col. .	Cristobal, C. Z..	Coffee.....	592
Sire.....	7	8	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Wilmington, N.C.	Nitrate.....	8,920
Dornoch.....	7	8	Brit...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Azores [14].....	Nitrate.....	8,645
Minerva [2].....	7	8	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Pensacola, Fla...	Nitrate.....	9,430
Deborah [2].....	7	8	Pan...	T. W. Taylor.....	Galapagos Is.....	Cristobal, C. Z..	Passengers..	.....
Emma Maersk[1] [2]	8	8	Dan...	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N.W.I.	(25)	13,429
Athina Livanos...	8	8	Greek.	Chile Nit. Sales Corp.	Iquique, Chile...	Jacksonville, Fla.	Nit. of soda.	8,630
Laguna [2].....	8	9	Brit...	Pacific Steam Nav.Co.	Talcahuano,Chile	Hull, England...	(26)	8,539

[1] Tanker. [2] Motor ship. [8] Transport. [13] Aircraft tender. [14] For orders. [15] Cacao, coffee, wood. [16] Sugar, oil, general. [17] Coffee, hides, bottles. [18] Wheat, fruit, general. [19] Newsprint, shingles. [20] Construction equipment. [21] Lumber, wheat, flour. [22] Sugar, canned pineapples, canec. [23] Cacao, coffee, lumber. [24] Coffee, tagua, balsa. [25] Kerosene distillate. [26] Nitrate, copper, wool.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Edda	8	9	Ital.	North German Lloyd.	Seattle, Wash.	Hamburg, Ger.	Fruits	3,307
Aconcagua [2]	9	9	Chile	Cia. Sud Amer. de Vap.	Corral, Chile	Hamburg, Ger.	General	3,882
Gannet [4]	9		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Orduna	9	10	Brit.	Pacific Steam Nav. Co	Valparaiso, Chile.	Liverpool, Eng.	(14)	4,778
Meandros	9	9	Greek.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [13]	Nitrate	7,029
John Bakke [2]	9	9	Nor.	Knutsen Line	Vancouver, B. C.	Cardiff, Wales	Fruit, gen.	7,230
Dalcross	9	9	Brit.	Cie. de L'Oceanie	Makatea Is.	Landskrona, Swed	Phosphate	7,870
Azuma Maru [2]	9	9	Japan.	Nippon Yusen Kaisha	Kobe, Japan	New York, N. Y.	General	8,592
Panaman	9	10	Amer.	Amer.-Hawaiian Line.	Bellingham, Wash	Boston, Mass.	General	5,772
Brandon	9	10	Brit.	Anglo-Can. S. S. Co.	Vancouver, B. C.	Liverpool, Eng.	General	8,754
Petrolite [1] [2]	10	10	Brit.	International Pet. Co.	Talara, Peru	Aruba, N. W. I.	(15)	1,652
Mussolini [2]	10		Pan.	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	93
Sally Maersk [2]	10	10	Dan.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Lake Charles, La.	Nitrate	5,025
American Reefer [2]	10	10	Dan.	J. Lauritzen	Los Angeles, Cal.	Havre, France	Fruit	2,060
Heronspool	10	10	Brit.	Seaboard Ship. Co	Vancouver, B. C.	Newcastle, Eng.	Grain, lum.	8,500
Redgate	10	10	Brit.	Chile Nit. Sales Corp.	Antof'gasta, Chile	Azores [13]	Nitrate	7,250
Salvador	10		Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	General	1,058
Leipzig [2]	10		Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,092
Yamaura Maru	10		Jap.	Yamashita K. Kaisha	Kobe, Japan	Buenos Aires, Arg.	Silk, gen.	2,575
Point Chico	10		Amer.	Gulf-Pacific Line	Portland, Oreg.	Tampa, Fla	Lumber, gen.	5,810

[1] Tanker. [2] Motor ship. [4] Tug. [13] For orders. [14] Copper, nitrate, tin. [15] Petroleum products, grade D.

Comparison of Traffic at the Suez and Panama Canals for the 12 Months Ended February 28, 1938 and 1939

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1937–38	1938–39	Increase	Decrease	1937–38	1938–39	Increase	Decrease
March	580	578		0.4	536	506		5.6
April	621	516		16.9	473	487	3.0	
May	567	479		15.5	544	465		14.5
June	540	469		13.1	472	445		5.7
July	551	509		7.6	457	429		6.1
August	531	522		1.7	505	468		7.3
September	522	508		2.7	444	438		0.9
October	557	540		3.1	461	494	7.2	
November	526	495		5.9	435	505	16.1	
December	541	503		7.0	439	509	15.9	
January	544	472		13.2	444	525	18.2	
February	508	496		2.4	436	501	14.9	
Total	6,588	6,087		7.6	5,646	5,772	2.2	

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Tolls Charges for Transit of the Panama Canal

(Effective March 1, 1938)

1. Complete transit (one way):
   (a) Merchant vessels, yachts, army and navy transports, colliers, hospital ships, and supply ships, when carrying passengers or cargo—
   Per net vessel-ton of 100 cubic feet each of actual earning capacity—that is, the net tonnage determined in accordance with the Rules for the Measurement of Vessels for the Panama Canal $0.90
   (b) Vessels in ballast without passengers or cargo—
   Per net vessel-ton ..... .72
   (c) Other floating craft, including warships, other than transports, colliers, hospital ships, and supply ships—
   Per ton of displacement ..... .50
2. Part transit:
   Vessels returning from Gatun Lake to original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
3. Free transit:
   Vessels transiting the Panama Canal by prearrangement from Cristobal to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Location of Patients, and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings, and the visiting hours for the various wards and sections.

Section and Ward	Visiting Hours
Section "A:"	
Private and semiprivate rooms	Daily, 9:30–11 a. m.; 2–4:30 p. m.; 6:30–8 p. m.
Wards	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sunday and holidays, 9:30–11 a. m.; 2:00–4 p. m.
Section "B:"	
Wards 5, 6, and 7	Daily, 9:30–11:00 a. m.; 2:00–4:30 p. m.; 6:30–8:00 p. m.
Ward 8 (maternity ward)	Daily, 2:30–4:00 p. m.; 6:30–8:00 p. m. Visitors to this ward will be limited to the husband and to the immediate family, i. e., father or mother or, if no parents are at hand, to one woman friend who shall be designated by the patient. Visits to the maternity ward will be limited to ten minutes during the designated visiting periods.
Nursery	No visitors are permitted in the Nursery at any time.
Section "C:"	
Wards 9 (colored section), 11, 12, and 13	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Wards 9 (white section), 10, and 14	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m. Visitors to venereal cases in wards 13 and 14 will be limited to two members of patient's immediate family.
Section "D:"	
Wards 15 and 16	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m.
Wards 17, 19, and 20	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Ward 18	Daily. 9:30–11 a. m.; 2–4:30 p. m.
Isolation section	No visitors permitted except to adults to visit tuberculosis patients Thursday, Sunday, and holidays, 1:30–3 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes, and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Trips Through the Canal

The following lines operating passenger carrying vessels through the Canal carry local passengers from one terminal to the other: Grace Line, Johnson Line, Hamburg-American Line, North German Lloyd, Navigazione Generale Italiana, Pacific Steam Navigation Co. The Panama Pacific Line carries passengers from Balboa to Cristobal only, their rate being $10, first class only. The rate is $5 on the Grace Line, Johnson Line, and Pacific Steam Navigation Co., and $6 on the Hamburg-American Line, North German Lloyd, and Navigazione Generale Italiana vessels, first class passage. The Pacific Steam Navigation Company also have a rate of $4 second class and $2 third class.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.; 10 p. m.

From Panama: Daily, 7:05 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

Binders for The Panama Canal Record

Cardboard covers, punched and fitted with brass fasteners forming binders for THE PANAMA CANAL RECORD are offered for sale at 25 cents a set, for the benefit of those who wish to keep a file of the issues for ready reference. Orders may be addressed to The Panama Canal, Balboa Heights, Canal Zone, or The Panama Canal, Washington, D. C.

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Traffic Through the Panama Canal in April 1939

The total vessels of all kinds transiting the Panama Canal during the month of April 1939, and for the same month in the two preceding years, are shown in the following tabulation:

	April 1939			April	
	Atlantic to Pacific	Pacific to Atlantic	Total	1988	1937
Ocean-going commercial traffic	246	250	496	487	473
Small commercial traffic [1]	34	28	62	91	76
Noncommercial traffic:					
United States Government	112	7	119	28	38
For repairs	2	1	3	3	1
Colombian Government	.....	.....	.....	.....	1
Total	394	286	680	609	589

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve month period ended April 30, 1939, as compared with the corresponding period ended April 30, 1938:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1938–9	1937–8	1938–9 [3]	1937–8 [4]	1938–9	1937–8	1938–9	1937–8
May	465	544	2,150,228	2,626,000	2,309,171	2,950,925	$1,886,825.66	$2,376,706.36
June	445	472	2,064,793	2,266,000	2,122,389	2,670,466	1,801,291.78	2,070,337.89
July	429	457	1,933,816	2,216,000	2,025,660	2,476,366	1,694,205.00	2,029,642.45
August	468	505	2,177,699	2,402,000	2,171,674	2,780,603	1,890,050.74	2,195,308.87
September	438	444	2,005,241	2,139,000	1,998,464	2,385,142	1,741,895.46	1,935,673.78
October	494	461	2,276,194	2,182,000	2,359,673	2,438,788	1,977,706.76	1,981,087.87
November	505	435	2,302,333	2,110,000	2,223,830	2,185,283	1,984,014.72	1,893,462.00
December	509	439	2,336,011	2,070,000	2,374,395	2,046,170	2,031,017.04	1,845,048.20
January	525	444	2,380,916	2,053,000	2,393,360	2,095,402	2,062,454.16	1,837,894.72
February	501	436	2,282,318	1,993,000	2,206,963	1,998,827	1,996,735.66	1,786,611.45
March	553	506	2,586,580	[3] 2,311,526	2,664,068	2,268,548	2,252,156.28	2,015,585.34
April	496	487	2,278,326	[3] 2,258,836	2,472,504	2,279,235	1,999,851.16	1,961,456.58
Total	5,828	5,630	26,774,455	26,627,362	27,322,151	28,575,755	23,318,204.42	23,928,815.51

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement.
[3] Panama Canal net tonnage as figured under rules which became effective March 1, 1938.
[4] Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 tons measurement (Panama Canal net), which transited the Panama Canal during the month of April 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	34	1,979	$1,577.88	414
Pacific to Atlantic	28	2,032	1,736.64	1,656
Total	62	4,011	3,314.52	2,070

Traffic by Nationality of Vessels [5] for April 1939

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	[6] 130	646,454	$568,726.96	669,237
Chilean	4	17,063	14,993.10	8,266
Danish	20	78,162	69,242.58	89,358
French	9	47,417	40,464.36	45,602
German	29	117,046	104,964.30	110,356
Greek	11	53,142	45,894.42	67,696
Honduran	2	3,243	2,918.70	1,353
Italian	5	29,560	26,604.00	11,115
Japanese	24	140,570	126,513.00	162,372
Netherland	21	42,498	38,248.20	45,326
Norwegian	53	232,583	198,840.06	256,628
Panamanian	15	21,062	17,745.12	15,761
Swedish	11	48,666	41,308.02	71,370
United States	155	770,044	678,684.06	891,794
Yugoslav	7	30,816	24,704.28	26,270
Total	496	2,278,326	1,999,851.16	2,472.504

[5] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [6] Includes 5 naval vessels of 6,029 displacement tons.

Traffic by Trade Routes for April 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	55	273,646	216,874	57	286,566	400,002
East coast United States and:						
Canada				4	18,173	26,943
Central America/Mexico	3	5,442	4,399	3	5,316	1,030
South America	20	87,217	15,700	25	102,524	261,133
Hawaiian Islands	3	14,273	17,257	6	28,612	51,692
Australasia	5	26,720	23,867	1	5,156	8,744
Philippine Islands	12	68,277	58,938	16	86,655	109,077
Far East	26	120,630	202,688	2	12,426	9,592
Balboa	1	6,086	476			
Canada intercoastal	1	3,345	5,706	1	4,201	5,595
East coast Canada and:						
United States				1	4,529	5,666
South America				1	4,359	7,500
Australasia	3	15,564	14,362	2	10,194	6,112
Far East	2	13,556	17,771			
Central America/Mexico intercoastal	1	6,264	12,300			
East coast Central America/Mexico and Canada	1	3,291				
South American intercoastal	3	6,286	4,148			
East coast South America and:						
Canada	3	12,777	15,355			
Far East	2	11,858	11,516	2	10,753	5,064
Cristobal and:						
Central America/Mexico	4	2,692	2,068	4	2,692	3,576
South America	14	7,848	5,503	16	10,273	9,597
West Indies and:						
United States	1	5,362		3	18,968	39,497
Balboa	1	5,220	10,447			
South America				3	7,126	1,652
Europe and:						
United States	17	72,124	6,812	7	27,321	35,923
Canada	27	143,886	37,107	46	239,702	373,326
Central America/Mexico	1	2,354	3,954	1	3,054	2,842
South America	23	124,824	34,129	27	143,117	203,100
Hawaiian Islands	1	8,696				
Australasia	7	53,063	34,837	12	79,456	81,288
Far East	1	5,894	8,175	4	21,865	28,408
Africa and Australasia	1	4,952	8,600			
Palestine to west coast Canada				1	1,877	1,696
Palestine to west coast United States				1	1,864	1,457
Around the world	3	21,971	11,935	1	6,034	7,068
Vessels not engaged in commerce	[7] 4			[8] 3	1,485	
Total	246	1,134,028	784,924	250	1,144,298	1,687,580

[7] 4 naval vessels. [8] 1 naval vessel and 2 yachts.

Origin and Destination of Cargo by Major Areas, April 1939

The following table summarizes the origin of cargo passing through the Canal in April 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	226,325	23,877	272,022	14,820	23,867	560,911
Other North America	1,632	31,377	11,727	13,402	14,676	72,814
Europe	31,560	14,717	4,139	27,006	34,523	111,945
Miscellaneous	15,378	381	11,081	3,814	8,600	39,254
Total	274,895	70,352	298,969	59,042	81,666	784,924

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	395,030	47,844	148,836	8,491	600,201
Canada	28,341	6,217	256,702	4,179	295,439
Other North America	52,240	4,180	4,187	.....	60,607
South America	259,785	24,481	198,633	73	482,972
Australasia	11,348	3,508	81,288	.....	96,144
Asia	123,109	1,919	26,927	262	152,217
Total	869,853	88,149	716,573	13,005	1,687,580

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during April 1939 or April 1938, are listed below:

Commodity	April		Commodity	April	
	1939	1938		1939	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Automobiles and parts	18,405	22,297	Beans, edible, dry	10,520	12,518
Canned food products	12,947	9,742	Canned food products	97,554	52,273
Cement	12,598	19,295	Coffee	15,902	16,420
Chemicals [9]	10,940	9,329	Cold storage (food products) [10]	31,735	31,528
Coal and coke	5,158	12,851	Copra	5,478	11,635
Cotton, raw	15,444	26,958	Flour	11,139	15,860
Creosote	5,369	10,277	Fruit, dried	17,813	17,767
Iron and steel	147,478	127,643	Fruit, fresh [11]	46,407	39,593
Machinery	14,973	16,454	Lumber	307,053	222,853
Manufactured goods [9]	14,907	14,394	Metals, various	66,714	69,392
Metals, various	16,953	67,006	Nitrates	170,681	106,367
Oils, mineral	65,440	88,804	Oats	12,281	11,811
Paper	31,923	45,004	Oils, mineral	204,826	224,768
Phosphates	26,712	30,672	Oils, vegetable	21,255	15,289
Railroad material	11,172	2,505	Ores	176,475	139,433
Scrap metal	138,565	121,123	Paper	10,894	6,193
Sulphur	28,131	26,058	Phosphates	30,909	25
Tinplate	20,464	24,462	Soy beans	10,326	.....
			Sugar	124,845	151,687
Pacific to Atlantic			Wheat	124,735	77,072
Asphalt and tar	10,565	20,807	Wood pulp	22,137	19,057
Barley	17,208	19,750	Wool	16,325	15,894

[9] Except as otherwise classified. [10] Except fruit. [11] Except bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of April, 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items

are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	18	198
Agricultural implements	634	.....	2,962	9
Alfalfa meal	.....	464	.....	527
Ammonium compounds	794	.....	7,145	.....
Animal foods [12]	104	53	104	53
Apparel, wearing (hats, shoes, clothing, etc.)	.....	.....	24	69
Asbestos	1,151	13	3,778	197
Asphalt and tar	141	9,949	3,453	10,565
Automobiles (and autotrucks)	4,214	15	13,917	33
Automobile parts and accessories	764	121	4,488	128
Bags and bagging, textile	475	125	657	125
Bamboo and products	.....	.....	.....	137
Bananas	.....	.....	.....	1,294
Barks, miscellaneous	.....	19	.....	264
Barley	.....	34	5	17,208
Beans, edible, dry	173	4,892	173	10,520
Beer	238	.....	328	.....
Beverages, nonalcoholic	32	.....	46	.....
Blood and tankage	.....	.....	238	214
Bones and bone meal	3	.....	1,161	.....
Books and printed matter	51	.....	103	.....
Borax	.....	481	112	7,473
Bran and pollards	90	1	90	257
Bricks and tile	197	.....	1,168	.....
Canned and preserved goods:				
Fish	444	13,628	746	22,204
Fruit	3,262	25,462	3,384	53,069
Meat	16	123	1,516	213
Milk	58	81	606	94
Soup	2,516	.....	2,603	2
Vegetables	1,005	7,114	1,064	7,402
Miscellaneous and unclassified	2,246	12,503	3,028	14,570
Carbon black	60	.....	86	26
Celite	.....	438	21	718
Cement	583	153	12,598	376
Chalk	.....	.....	357	.....
Charcoal	67	.....	67	.....
Chemicals [12]	5,626	740	10,940	1,186
Clay, china and fire	403	644	701	1,023
Clay, filtering	.....	20	.....	20
Coal	13	.....	253	.....
Cocoa and cacao beans	392	.....	936	3,360
Coconuts and products [12]	137	919	197	1,908
Coffee	358	54	7,311	15,902
Coke	.....	27	4,905	27
Cold storage and refrigerated products:				
Dairy products	12	40	203	11,851
Eggs	.....	42	28	50
Fish	125	.....	168	1,205
Lard	874	.....	1,076	20
Meats	169	.....	537	17,961
Poultry	.....	171	.....	171
Vegetables	30	320	56	468
Other and unclassified	161	.....	169	.....
Confectionery	1,802	20	1,864	20
Copra	.....	.....	.....	5,478
Corn	.....	.....	303	.....
Cotton, raw	81	847	15,444	3,876
Creosote	32	.....	5,369	.....
Drugs and medicines	2,116	118	2,556	189
Dyes	17	.....	167	.....
Earthenware	44	44	181	164
Electrical apparatus and appliances	1,844	384	2,987	399
Enamelware and metalware	825	5	956	90
Explosives	153	.....	750	15
Extract, quebracho	.....	.....	1,650	.....
Fertilizers [12]	198	77	1,152	448
Fish, salted or dry cured	.....	.....	.....	32
Fish meal	.....	5	.....	3,263
Floor coverings	2,107	1,459	2,304	1,883
Flour	70	7,096	1,769	11,139
Fruit, dried	.....	7,503	22	17,813
Fruit, fresh [12]	.....	3,559	317	46,407
Furniture and household goods	655	37	948	40
Gallnuts	.....	.....	.....	12

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
General	13,878	7,689	40,971	19,142
Glass and glassware	2,220	23	4,505	693
Glue	93	58	93	58
Grains [12]		11	35	761
Groceries	1,692	407	2,435	632
Gums		47	10	174
Hair, all kinds	197	48	197	123
Hay		55		55
Hemp, unmanufactured	45	114	60	2,255
Honey		31		126
Hops			36	
Horns and hoofs			37	
Infusorial earth	50	582	95	1,084
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	71,289	806	147,478	1,087
Ivory nuts				1,368
Jute, unmanufactured			76	
Lard, substitute	586		604	21
Lime	17		70	
Liquors	3,733	378	5,363	661
Lumber (including manufactured mill products)	2,999	126,161	4,600	307,053
Machinery	3,081	855	14,973	1,884
Malt	103		499	80
Manufactured goods [12]	9,231	1,327	14,907	3,483
Marble and granite	82		370	
Matches	308	161	364	162
Metals:				
Antimony	23		23	
Copper	408	2,146	5,315	31,771
Gold and silver	1		1	156
Iron	637	17	3,504	4,257
Lead	35	1,858	1,102	19,435
Tin	186	167	2,922	767
Zinc	194	41	824	8,677
Other and unclassified	590	136	3,262	1,651
Milk, powdered	30	326	32	592
Molasses and syrups	338		447	7,306
Nitrate	1,290		8,304	170,681
Nuts, edible (including meats)		281	197	799
Oats	176	140	206	12,281
Oils, mineral:				
Crude	23	9,458	16,020	51,252
Gas and fuel		40,688	22,521	67,679
Gasoline, benzine, and naphtha	2	37,978	4,477	57,469
Kerosene			676	26,879
Lubricating and greases	8,137	680	21,742	1,547
Other and unclassified			4	
Oils, vegetable:				
Coconut		631	25	12,599
Cottonseed			174	
Linseed	273		1,905	
Olive		28	180	28
Peanut		24		294
Rapeseed				60
Teaseed		21		262
Wood	51	21	162	2,243
Other and unclassified	401	181	508	5,769
Oil, fish	275		552	2,008
Oil, whale		741		741
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)		22	5,063	2,699
Oilseed cake and meal	2,664		2,664	2,432
Ores:				
Antimony		71		384
Chrome	119		119	8,744
Copper		90		243
Gold and silver				400
Iron	319		319	146,050
Lead				2,763
Magnesite		758		758
Manganese	51	49	51	754
Tin		57		3,549
Zinc	90		90	2,277
Other and unclassified	18		111	10,553
Paints and varnishes	1,416	214	2,695	290
Paper and paper products [12]	11,581	5,604	31,923	10,894
Peanuts	652		652	102
Peas, dry				686
Peatmoss			961	
Phosphates	473	39	26,712	30,909
Plaster			592	

[12] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Porcelainware	391	18	853	1,666
Potash	.....	239	703	239
Pyrethrum flowers	.....	.....	.....	79
Rags and waste	190	40	2,128	397
Railroad material	1,727	.....	11,172	.....
Rice	713	822	861	3,308
Rope and twine	524	186	2,879	186
Rosin	1,074	15	2,683	18
Rubber:				
Manufactured	921	292	1,362	3,500
Raw	299	2	466	1,935
Scrap	9	.....	2,013	20
Salt	106	350	2,173	350
Sand	473	.....	2,397	50
Scrap metal	151	228	138,565	524
Seeds (except oilseeds)	47	322	333	1,453
Sewer pipe (concrete and terra cotta)	.....	.....	30	.....
Shells, oyster	452	.....	511	173
Silk, raw	.....	152	.....	1,869
Skins and hides	.....	2,305	334	5,167
Slag	.....	.....	800	.....
Slate	2,711	.....	2,711	.....
Soaps and products	3,112	195	3,266	324
Soda and sodium compounds:				
Soda ash	245	.....	489	335
Soda, caustic	454	140	1,500	910
Miscellaneous and unclassified	437	.....	869	.....
Soy beans	137	.....	137	10,326
Spices	202	7	264	8
Sugar	45	24,310	391	124,845
Sulphur	20,511	41	28,131	41
Talc	27	85	34	420
Tallow	20	1,030	102	3,577
Tea	.....	41	137	700
Textiles [13]	2,983	58	4,877	2,461
Tinplate	8,690	.....	20,464	.....
Tobacco and manufactures	399	203	7,451	2,564
Toilet preparations	333	.....	348	95
Turpentine	90	.....	137	.....
Vegetables, dry [12]	.....	.....	90	6,138
Wallboard	33	1,097	33	1,686
Wax, paraffin	340	45	1,299	670
Wheat	.....	52	154	124,735
Wines	241	893	470	1,383
Wood pulp	591	17,950	3,688	22,137
Wool	28	2,892	539	16,325
Total, April 1939	226,325	395,030	784,924	1,687,580
Total, April 1938	165,861	268,629	878,757	1,400,478
Total, April 1937	325,775	385,549	1,001,081	1,651,799

[12] Except as otherwise classified. [13] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of April 1939:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	7	44,138	.....	9	52,530	[15] 99,145
East coast United States and:						
Balboa	1	6,086	476	.....	.....	.....
Hawaiian Islands	.....	.....	.....	1	3,732	[16] 7,306
Far East	1	6,711	12,287	.....	.....	.....
Central America/Mexico intercoastal	1	6,264	12,300	.....	.....	.....
South America intercoastal	1	4,359	3,000	.....	.....	.....
South America/Canada	.....	.....	.....	1	4,359	7,500
West Indies and:						
Balboa	1	5,220	10,447	.....	.....	.....
United States	1	5,362	.....	3	18,968	39,497
South America	.....	.....	.....	3	7,126	1,652
Europe and:						
United States	4	23,030	[14] 5,311	1	6,037	11,462
South America	3	17,574	.....	5	27,611	53,931
Hawaiian Islands	1	8,696	.....	.....	.....	.....
Total	21	127,440	43,821	23	120,363	220,493

[14] Includes 5,311 tons of creosote. [15] Includes 9,913 tons of asphalt. [16] Molasses.

Comparison of Canal Traffic in April 1939, with April Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of April			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[17] 116	404	521	1915	[18] 100	334	466
1916	69	233	366	1916	60	184	258
1917	146	524	628	1917	145	447	588
1918	168	542	627	1918	165	506	627
1919	158	481	507	1919	162	472	576
1920	207	821	867	1920	199	659	781
1921	222	955	908	1921	232	879	966
1922	225	974	1,046	1922	222	880	907
1923	399	2,007	2,187	1923	325	1,434	1,631
1924	395	2,052	2,159	1924	429	2,016	2,249
1925	372	1,840	1,951	1925	382	1,761	1,996
1926	417	2,047	2,237	1926	424	1,909	2,169
1927	449	2,223	2,429	1927	441	2,020	2,311
1928	510	2,382	2,473	1928	521	2,269	2,468
1929	532	2,487	2,718	1929	524	2,299	2,554
1930	479	2,478	2,456	1930	502	2,310	2,502
1931	437	2,291	2,009	1931	447	2,140	2,089
1932	347	1,862	1,442	1932	364	1,820	1,650
1933	337	1,838	1,526	1933	347	1,758	1,513
1934	469	2,493	2,291	1934	436	2,201	2,059
1935	432	2,259	2,079	1935	432	2,143	2,109
1936	482	2,484	2,430	1936	449	2,160	2,209
1937	473	2,461	2,653	1937	467	2,224	2,507
1938	487	2,259	2,279	1938	460	2,163	2,282
1939	496	2,278	2,472	1939 (10 months)	492	2,255	2,289

[17] Canal opened August 15, 1914. [18] Average for 10½ months.

Terminal Activities

Ships repaired during the month of April 1939, numbered 47. Vessels released from drydock numbered 15. Fuel oil amounting to 251,697 barrels was delivered as bunkers to 124 commercial vessels. Bunker coal amounting to 5,373 tons was delivered to 23 commercial vessels. Sales of commissary supplies to ships aggregated $59,380.64.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	24,703	10,029	34,732
Local cargo shipped ... tons	2,785	746	3,531
Cargo received for transshipment ... tons	50,476	4,370	54,846
Cargo transshipped ... tons	49,930	1,217	51,147
"Canal Zone for Orders" cargo:			
Number of receipts issued	7	2	9
Number of releases issued	46	24	70
Tons received	50	32	82
Tons withdrawn	37	16	53

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	657	3,871,957	2,534,706	624	3,589,587	2,394,351
Vessels entering port but not transiting Canal	59	326,372	181,596	16	53,367	35,204
Vessels transiting Canal and handling passengers and cargo at terminal ports	154	896,632	536,469	111	700,058	422,870
Ships clearing						
All vessels, including those transiting Canal	656	3,867,172	2,533,053	544	3,049,249	1,858,470
Vessels clearing port but not transiting Canal	63	350,254	197,260	12	51,002	33,879
Vessels transiting Canal and handling passengers and cargo at terminal ports	151	881,818	528,302	112	704,635	425,493

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight April 10, 1939, to midnight May 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Yamaura Maru, 241, 0
Kano Maru, 233, 0
Leipzig, 148, 165
San Pedro, 126, 97
Laurits Swenson, 10, 0
City of San Francisco, 603, 0
Chester Valley, 1,724, 472
Caribia, 18, 1,006½
Cefalu, 779, 495
Nuevo Panama, 0, 99
Real, 0, 49
Salvador, 1,058, 492
Colombie, 138, 63
Alkmaar, 378, 1,070
Losada, 1 pkg., 487
Santa Lucia, 493, 104
Musa, 1,213, 129
Ancon, 4,060, 1,058
San Gil, 272, 713
Talamanca, 112, 677
San Antonio, 214, 289
Alaska, 1,823, 11
Nero, 233, 85
Quito, 847, 2 pkgs.
Santa Maria, 836, 40¼
Boskoop, 600 lbs., 190
Misoa, 6,007, 0
Alabama, 185, 553
Ino, 500, 97
Colombie, 3, 1,763
Isar, 303, 1,080
Colonial, 337, 0
Sixaola, 139, 30
Istmo, 461, 304
Trois Ilets, 302, 86
Veragua, 68, 70
Donau, 119, 304
Palatia, 8, 691
Orazio, 11, 107
Telde, 239, 223
Pericles, 150, 949
Douro, 125, 142
City of Glasgow, 0, 318
Patria, 770, 181
Evanger, 98, 422
Terukawa Maru, 288½, 0
Hulda Maersk, 168, 153
Durazzo, 0, 1,189
Deroche, 1,113, 0
Santos, 12, 331
Santa Elena, 118, 180
City of Norfolk, 165, 0
Contessa, 565, 724
Cellina, 173, 58
Noto Maru, 345, 91
Santa Barbara, 274, 0
Lochgoil, 179, 187
Quito, 8, 624
Platano, 1,080, 105
Pereira, 675, 512
Chile, 0, 1
Naruto Maru, 102, 0
Quirigua, 246, 281
San Mateo, 716, 575
Bogota, 696, 218
Port Antonio, 7, 271
Erria, 0, 3
San Marcos, 242, 0
Ulua, 472, 49
Costa Rica, 77, 6
Ino, 476, 133
Clio, 548, 168
Santa Rita, 620, 326
Guayaquil, 2,449, 465
Istmo, 754, 0
Reina del Pacifico, 132, 638
Colombia, 37, 293¼
Tai Ping, 601, 0
Santa Inez, 382, 0
Santa Rosa, 113, 253
Jeff Davis, 185, 0
Canada, 450, 762
Marie Bakke, 340, 7
Chiriqui, 104, 43
Oregon, 29, 11
Kiyokawa Maru, 456, 0
Sanyo Maru, 200, 203
Nuernberg, 224, 326
Trois Ilets, 260, 13
Virgilio, 127, 0
Brandanger, 53, 292
City of Baltimore, 258, 0
Sambu, 0, 53
Cefalu, 234, 626
Weser, 67, 155
Margaret Lykes, 1,150, 513½
Amerika, 17, 159
Munsterland, 191, 0
Hans Arp, 12, 148
Oropesa, 53, 23
Acajutla, 830, 760
Musa, 1,042, ½
Muenchen, 57, 1,463
Santa Lucia, 350, 199
Cristobal, 3,378, 995
Jamaica, 143, 721
Magister, 402, 42
Orotava, 637, 792
Francis R. Hart, 5,826, 0
Santa Marta, 335, 65
Lochkatrine, 226, 0
Schwaben, 63, 444
Chester O. Swain, 839, 0
Silverwillow, 345, 0
Cerigo, 909, 104½
Hermonthis, 50, 44
Nero, 526, 0
Seattle, 76, 601
Costa Rica, 20, 2,050
Douro, 350, 411
Pasajero, 49, 26
Kaimata, 123, 200
Copiapo, 28, 0
Wyoming, 323, 37
Takaoka Maru, 112, 41
Abraham Lincoln, 13, 513
San Gil, 320, 341
Colombia, 898, 318
Talamanca, 44, 47
Santa Paula, 104, 207
Cordillera, 194, 35
Valparaiso, 150, 236
Helder, 113, 130
Bretagne, 168, 595
Historian, 283, 0
City of Newport News, 202, 0
Iserlohn, 35, 0
Contessa, 873, 583
Fella, 108, 0
Delftdijk, 293, 185
Nuevo Panama, 0, 204
Sambu, 0, 113
San Simeon, 1,202, 10
Bennekom, 303, 2,092
John Cabot, 1,051, 763¼
San Jose, 244, 148
Choluteca, 0, 145
Santa Clara, 490, 165
Marchen Maersk, 444, 112
Dresden, 47, 875
Este, 65, 128
Platano, 1,366, 10
Panama, 5,427, 1,440
Santa Barbara, 320, 21
Unicoi, 80, 0
West Camargo, 80, 247
Veragua, 73, 590
Clio, 615, 62
Bogota, 10, 614
Durazzo, 1,074, 392
Trois Ilets, 250, 99
Toloa, 533, 125
Ino, 604, 0
Derrymore, 0, 252
Axel Johnson, 110, 279
Nero, 0, 55
Colombia, 812, 303
Hokuroku Maru, 535, 65
Sagittaire, 0, 24
Saarland, 70, 113
Santa Elena, 91, 398
Quirigua, 143, 142
Simon Bolivar, 158, 32
Jersbek, 38, 299
Santa Maria, 13,203, 0
Ionia, 44, 476
Osnabruck, 193, 1
Osorno, 215, 590
Cordillera, 55, 528
Real, 0, 29
Salvador, 1,081, 0
Ermland, 115, 0
Orbita, 23, 677
Tacoma, 287, 0
Cefalu, 354, 702
Besholt, 152, 0
San Vincente, 685, 6
Santa Maria, 397, 119
Telde, 166, 365
Maravi, 1, 417
Musa, 1,285, 0

BALBOA

Santa Lucia, 12, 11
Santa Maria, 167, 60
Alabama, 969, 0
San Gil, 0, 240
Telde, 240, 0
Buenos Aires Maru, 0, 12
Deroche, 2,994, 0
Emergency Aid, 140, 0
City of Norfolk, 154, 0
Atlantic, 10,447, 0
Santos, 703, 7
Santa Barbara, 11, 2
Hunter Liggett, 126, 147
Charcas, 149, 0
Lebec, 10,000, 0
Santa Rita, 110, 0
Santa Inez, 1, 0
Vega, 52, 0
Tai Ping, 137, 0
Pereira, 0, 93
Acajutla, 4, 0
Marie Bakke, 1,290, 0
West Nilus, 1,357, 0
San Gil, 77, 0
Cuyama, 7,805, 0
Santa Lucia, 122, 33
Venice Maru, 807, 0
Helga, 0, 165
City of San Francisco, 0, 2
Chester O. Swain, 576, 0
Rangitata, 55, 0
Acajutla, 0, 4
City of Newport News, 80, 0
San Jose, 1,055, 0
Santa Clara, 9, 10
Marchen Maersk, 366, 0
Santa Barbara, 188, 5
St. Mihiel, 83, 100
Condor, 261, 16
Axel Johnson, 512, 0
Point Lobos, 0, 1,067
Bokuyo Maru, 87, 0
Besholt, 129, 0
Santa Maria (Grace), 9, 0
Santa Maria (Union), 119, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

During April 1939, ocean-ship passengers debarking at Cristobal numbered 2,288, embarking 2,523; at Balboa, 787 debarking, 939 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 4,592; from the Pacific to the Atlantic, 3,532. Commercial aircraft numbering 59 entered Cristobal, 294 passengers debarking; clearances were 62 with 263 passengers embarking. Balboa entries of aircraft numbered 54, with 134 passengers debarking; clearances were 54 with 114 passengers embarking.

Ships' Chandlery Supplies

Panama Canal Storehouses carry a complete line of ships' chandlery supplies available for sale to ships.

Movements of Ocean Vessels Through the Panama Canal

From midnight April 10, 1939, to midnight May 10, 1939

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Lochavon [2]	10	11	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	5,246
Mussolini [2]	10	...	Pan.	D. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Mobilgas [1]	10	11	Amer.	Socony Vac. Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Texas Sun [1] [2]	11	11	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Laurits Swenson [2]	11	11	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	General	6,565
Point Ancha	11	11	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	6,159
Gannet [10]	...	...	Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Umberleigh	11	11	Brit.	Seaboard Ship. Co.	Barry, England	North Pacific	Ballast	.....
Antigone	11	12	Brit.	Andrew Weir & Co.	Baltimore, Md.	Yawata, Japan	Scrap steel	7,606
San Pedro	11	12	Fr.	French Line	Dunkerque, Fr.	Vancouver, B. C.	General	5,859
Thorstrand [2]	11	12	Nor.	Fred Olsen & Co.	London, England	Los Angeles, Cal.	Ballast	.....
El Oso [1]	11	12	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	Cabo Bl'co, Peru.	Ballast	.....
Porto Bello [3]	11	11	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Taranaki [2]	12	12	Brit.	Shaw, Savill & Albion	Glasgow, Scotland	Oamaru, N. Z.	General	8,010
Wellpark	12	12	Brit.	Hasegawa Co.	New Orleans, La.	Japan	Scrap iron	7,696
Enoch [3]	12	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	.....	20
Dorsey [13]	13	16	Amer.	U. S. Navy	Guant'mo, Cuba.	San Diego, Cal.	Ballast	.....
Elliott [13]	13	16	Amer.	U. S. Navy	Guant'mo, Cuba.	San Diego, Cal.	Ballast	.....
Boggs [13]	13	16	Amer.	U. S. Navy	Guant'mo, Cuba.	San Diego, Cal.	Ballast	.....
Lamberton [13]	13	16	Amer.	U. S. Navy	Gaunt'mo, Cuba.	San Diego, Cal.	Ballast	.....
Utah [13]	13	16	Amer.	U. S. Navy	Guant'mo, Cuba.	Los Angeles, Cal.	Ballast	.....
Losada [2]	12	13	Brit.	Pacific Steam Nav. Co.	Hull, England	Coronel, Chile	General	4,415
Imperial [2]	13	13	Chile.	Cia. Sud Amer. de Vap.	Hamburg, Ger.	Valparaiso, Chile.	General	699
Troma [2]	13	13	Nor.	Canadian Transp. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Nuevo Panama [2]	11	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	140
Nordlys	13	14	Dan.	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile.	Ballast	.....
Alkmaar	12	14	Neth.	Royal Neth. S.S. Co.	Hamburg, Ger.	Corral, Chile	General	2,043
Corsair [5]	...	...	Amer.	V. S. Bowen	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Real [2]	12	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	General	51
Michael Livanos	13	14	Greek.	Simpson Spence, Young	New York, N. Y.	Japan	Scrap iron	8,284
President Hayes	14	14	Amer.	Amer.-President Lines	New York, N. Y.	Hongkong, China.	General	3,587
Sahale	14	15	Amer.	Amer.-For. S.S. Corp	New Orleans, La.	Oakland, Calif.	Sulphur	7,400
Willet [4]	14	14	Amer.	Merritt, Chap., Scott.	Norfolk, Va.	Callao, Peru	Ballast	.....
William Luckenbach.	14	14	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,106
Alabaman	14	14	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,155
Santa Maria [2]	14	15	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,759
San Gil	13	15	Pan.	United Fruit Co.	New Orleans, La.	Champ'ico, Guat.	Gen., exp.	531
Neptunian [2]	14	14	Brit.	Seaboard Co.	Newcastle, Eng.	Vancouver, B. C.	Ballast	.....
Alabama	14	15	Fr.	French Line	Havre, France	Valparaiso, Chile.	General	2,078
Misoa [1]	14	...	Brit.	West India Oil Co.	Aruba, N. W. I.	Balboa, C. Z.	Drydocking	.....
Isar	14	15	Ger.	North German Lloyd.	Hamburg, Ger.	Magallanes, Chile	General	2,723
Laila	14	15	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano, Chile	General	1,629
Nero [2]	13	15	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	77
Jane Christensen	15	15	Amer.	Arrow Line	Baltimore, Md.	Seattle, Wash.	General	2,218
Tento [2]	15	16	Nor.	Iwai & Co.	Philadelphia, Pa.	Yokohama, Japan	Scrap iron	7,004
Ino [2]	14	15	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	88
Nordbo [2]	15	15	Dan.	East India Nav. Co.	Boston, Mass.	Osaka, Japan	(15)	7,650
Hawaiian	15	15	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Tacoma, Wash.	General	3,956
Boxhill	15	16	Brit.	Counties S.S. Manag't	Amsterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Lossiebank [2]	15	16	Brit.	Andrew Weir & Co.	Baltimore, Md.	Shanghai, China.	General	3,500
Istmo	14	16	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	770
L-53 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Sea Dog [5]	...	...	Amer.	W. C. Cope	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Anniston City	16	16	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	Steel, gen.	4,889
Alaskan	16	16	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,436
Trois Ilets	14	16	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	85
Moldanger [2]	16	17	Nor.	Interocean S.S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Evanger	16	17	Nor.	Westfal, Larsen & Co.	Rosario, Arg.	Vancouver, B. C.	General	5,630
Jean L. D. [2]	16	17	Fr.	Louis Dreyfus & Co.	Rotterdam, Neth.	Portland, Oreg.	Ballast	.....
Steel Scientist	17	17	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Far East ports	General	7,654
Port Alma [2]	17	17	Brit.	Port Line, Ltd.	London, England	Auckland, N. Z.	General	4,728
Buenos Aires Maru. [2]	17	18	Jap.	Osaka Shosen Kaisha.	Buenos Aires, Arg.	Kobe, Japan	Gen., coffee	4,687
Maui	17	20	Amer.	Baltimore Mail Co.	New York, N. Y.	S. Francisco, Cal.	General	2,656
Florence Luckenbach.	17	17	Amer.	Luckenbach Line	Mobile, Ala.	Tacoma, Wash.	General	6,220
Nako Maru [2]	17	18	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Oil, asbestos.	8,465
Patria	16	18	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	2,700
Getuyo Maru [2]	17	18	Jap.	Mitsui Bussan Kaisha	New York, N. Y.	Osaka, Japan	Cotton, lead.	6,998
Tatekawa Maru [1]	[2]17	18	Jap.	Kawasaki K. Kaisha.	Houston, Tex.	Tokuyama, Japan	Crude oil	12,287
Chickasaw City	17	18	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Honolulu, T. H.	Tinplate, gen.	8,473
Porto Bello [3]	17	17	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [10] Mine sweeper [13] Mobile target.
[14] For bananas and return to Cristobal. [15] Scrap steel, iron.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge.	
Durazzo	7	18	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General.	618
Gregalia	18	18	Brit.	Donaldson Line	Glasgow, Scot	Vancouver, B. C.	General.	850
K. R. Kingsbury [1]	18	18	Amer.	Standard Oil of Calif.	Providence, R. I.	S. Francisco, Cal.	Ballast	
Rotorua	18	19	Brit.	N. Z. Shipping Co.	London, England	Bluff, N. Z.	(14)	6,116
Peter Maersk [2]	18	18	Dan.	Maersk Line	Boston, Mass.	Bugo, P. I.	General.	6,194
Salvador	11	18	Brit.	Pacific Steam Nav.Co.	Cristobal, C. Z.	Champ'ico, Guat.	General.	492
Kookaburra [2]	18	18	Swed.	Rederi Aktiebolaget	Goth'burg, Swed.	Los Angeles, Cal.	Ballast	
Sorholt [2]	18	19	Nor.	De La Rama S. S. Co.	Baltimore, Md.	Shanghai, China	General.	3,197
Santos [2]	18	19	Swed.	Johnson Line	Goth'burg, Swed.	Valparaiso, Chile.	General.	1,584
Atlantic [1] [2]	18		Nor.	Standard Oil of N. J.	Aruba, N. W. I.	Balboa, C. Z.	Fuel oil	10,447
Mussolini [2]	17		Pan.	D. Campodonico.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Edgar F. Luckenbach.	18	19	Amer.	Luckenbach Line	Houston, Tex.	Tacoma, Wash.	General.	5,200
Tuira [2]	18		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Gen. Wm. M. Graham. [11]			Amer.	U. S. Army	Cristobal, C. Z.	Gamboa, C. Z.	Ballast	
Carica Milica	18	19	J-Slav.	Overseas Nav. Trust.	New York, N. Y.	Kobe, Japan	Scrap iron.	8,950
City of Kimberley	19	19	Brit.	Ellerman & Bucknall.	New York, N. Y.	Sydney, Aust.	General.	3,381
Oregon Express [2]	19	19	Nor.	Fruit Express Line	Glasgow, Scot.	Los Angeles, Cal.	Ballast	
Santore	19	19	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Australian Reefer [2]	19	20	Dan.	J. Lauritzen	Dieppe, France	Los Angeles, Cal.	Ballast	
Tredinnick	19	19	Brit.	Hain S. S. Co	Cardiff, Wales	West coast N. A.	Ballast	
Cathwood [1]	19	20	Amer.	Union Oil of Calif.	Savannah, Ga	Los Angeles, Cal.	Ballast	
Pacific	19	20	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Tacoma, Wash.	Steel, gen.	5,699
Seebeli [2]	19	20	Nor.	A/S Thor Dahl	Copenhagen, Den.	Los Angeles, Cal.	Ballast	
Real [2]	18		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	18		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
L-53 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Fresno City [2]	19	20	Brit.	Mitsubishi Line	Tampa, Fla	Japan	Phosphate	8,522
El Mirlo [1] [2]	19	20	Brit.	C. T. Bowring & Co.	Ellesmere, Eng.	Cabo Blco, Peru	Ballast	
Athelcrown [1] [2]	20	20	Brit.	United Molasses Co.	Birkenhead, Eng.	Honolulu, T. H.	Ballast	
Uranienborg	20	20	Dan.	C. K. Hansen	New York, N. Y.	Moji, Japan	Steel scrap	5,553
Yorkmoor	20	20	Brit.	Canadian Transp. Co.	Halifax, N. S.	Vancouver, B. C.	Rails, gen.	5,706
Fiseus	20	20	Brit.	Jefferson Lake Co.	Freeport, Tex.	Geelong, Aust.	Crude sulph.	7,604
Hunter Liggett [8]	19	21	Amer.	U. S. Army	New York, N. Y.	S. Francisco, Cal.	General.	4,592
Atutasan Maru [2]	20	21	Jap.	Mitsui & Co	New York, N. Y.	Yokohama, Japan	General.	7,233
Chinese Prince [2]	20	21	Brit.	Prince Line, Ltd.	Philadelphia, Pa	Hongkong, China	General.	3,269
Losmar	21	21	Amer.	Calmar Line	Philadelphia, Pa	Portland, Oreg.	Steel, gen.	5,949
Caplin [6]	19		Brit.	Comdr. R. D. Graham	MontegoBay, Jam	Tahiti	Ballast	
Port Montreal [2]	21	22	Brit.	Mont.-Aust.-N.Z. Line	St. John, N. B.	Dunedin, N. Z.	(15)	4,516
Svealand [2]	21	22	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
California Star [2]	21	22	Brit.	Blue Star Line	London, England	Wellington, N. Z.	Ballast	
Walter A. Luckenbach.	21	22	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General.	3,972
Kinai Maru [2]	21	22	Jap.	Osaka Syosen Kaisya.	London, England	Dairen, China	General.	8,175
Timber Rush	21	22	Amer.	Shepard S. S. Co.	Boston, Mass.	Tacoma, Wash.	General.	4,894
Eli [2]	21	22	Nor.	Jorgensens Rederi	Philadelphia, Pa.	Kamaishi, Japan.	Scrap steel.	7,323
Col. Riche [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
San Mareos	21	23	Amer.	Quaker Line	New York, N. Y.	Seattle, Wash.	General.	5,566
Ino [2]	21	22	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General.	121
Skramstad [2]	22	22	Nor.	Fern Line	Savannah, Ga	Kobe, Japan	Scrap steel.	7,272
Nordpol [2]	22	22	Dan.	West Indian Trad. Co.	Pt. Arthur, Tex.	Yokohama, Japan	Scrap iron.	7,700
Charles H. Cramp	22	22	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	Steel, gen.	4,758
Hopecastle [2]	22	23	Brit.	Hypho Phosphate Co.	Sfax, Tunisia	Auckland, N. Z.	Phosphate	8,600
Robert F. Hand [1] [2]	22	22	Brit.	Anglo-Amer. Oil Co.	London, England	S. Francisco, Cal.	Ballast	
Reina del Pacifico [2]	22	22	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General.	2,176
Henry D. Whiton	22	23	Amer.	Tex. Gulf & Freep't Sul.	Galveston, Tex	Everett, Wash.	Sulphur	6,600
Clio [2]	21	23	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General.	152
Cubano	22	23	Nor.	Chile. Nit. Sales Corp.	Philadelphia, Pa.	Tocopilla, Chile.	Ballast	
Georgian	22	23	Amer.	Amer.-Hawaiian Line.	Bridgeport, Conn.	Seattle, Wash.	General.	4,200
City of Tokio	22	23	Brit.	Ellerman & Bucknall.	Philadelphia, Pa.	Brisbane, Aust.	General.	5,627
Ida F. [5]			Amer.	Dan McAllister	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Gen. Wm. M. Graham. [11]			Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge.	
Quito [2]	19	23	Ger.	North German Lloyd.	Barranquilla, Col.	Guayaquil, Ecua.	General.	665
Santa Rita [2]	21	23	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile.	Gen., explo.	2,367
Taranger [2]	22	23	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Kenmar	23	23	Amer.	Calmar Line	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	6,295
Pluviose [1]	23	23	Fr.	Raffineries de Berre	Berre, France	Talara, Peru	Ballast	
Colombia [2]	22	23	Pan.	Elliot Ship. & Land Co.	Landskrona, Swed	B'ventura, Col.	Gen., salt	1,044
Minerva [2]	23	23	Nor.	Chile Nit. Sales Corp.	Mobile, Ala	Tocopilla, Chile.	Ballast	
City of Los Angeles.	23	24	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco, Cal.	General.	3,570
Muncaster Castle [2]	23	24	Brit.	Lancashire Ship. Co.	New York, N. Y.	Shanghai, China.	General.	2,326
YG-17 [13]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pacific Pioneer [2]	23	24	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General.	346

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [8] Transport. [11] Mine planter. [13] Garbage lighter. [14] General, iron, steel, etc. [15] Automobiles, steel, paper.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Vega [3]	23	26	Amer.	U. S. Navy	Norfolk, Va	Bremerton, Wash.	General	3,878
Brynje [2]	24	25	Nor.	Canadian Transp. Co.	Vera Cruz, Mexico	Vancouver, B. C.	Ballast	
Pereira	19	25	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	509
OB-19 [5]	18		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Porto Bello [3]	24	24	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Dallas City [2]	25	25	Brit.	Reardon-Smith Line	Tampa, Fla.	Kobe, Japan	Phosphate	9,000
Marconi [2]	24		Pan.	D. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Marie Bakke [2]	24	26	Nor.	Knut Knutsen O.A.S.	Oslo, Norway	Valparaiso, Chile.	Wood pulp	922
Marija Petrinovic.	25	25	J-Slav.	Chile Nit. Sales Corp.	Stettin, Germany	Chile	Ballast	
Zannis L. Cambanis.	25	25	Greek.	Hasagawa Co.	Albany, N. Y.	Kamaishi, Japan.	Scrap iron	7,200
Brandanger [2]	25	25	Nor.	General S. S. Corp.	Buenos Aires, Arg.	Vancouver, B. C.	Gen., coffee	2,781
Trois Ilets	25	25	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	12
Point Salinas	25	26	Amer.	Gulf-Pacific Line	Mobile, Ala	Seattle, Wash.	General	4,525
Virgilio [2]	25	26	Ital.	Italia Line	Genoa, Italy	Valparaiso, Chile.	General	662
Nuevo Panama [2]	25		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Skjelbred [2]	25	26	Nor.	Kawasaki K. Kaisha	Baltimore, Md.	Kobe, Japan	(14)	6,617
Weser [2]	25	26	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	1,678
Henderson [8]	25	28	Amer.	U. S. Navy	Norfolk, Va	Manila, P. I.	General	564
Geisha [2]	26	26	Nor.	Knutsen Line	Goth'burg, Swed.	Valparaiso, Chile.	General	2,371
Hans Arp	26	26	Ger.	North German Lloyd.	Hamburg, Ger.	Champ'ico, Guat.	General	3,954
Amerika [2]	26	26	Dan.	East Asiatic Co.	Copenhagen, Den.	Vancouver, B. C.	General	477
Canada [2]	24	26	Swed.	Johnson Line	Sweden	Valparaiso, Chile.	Gen., cement	1,089
Kupa	26	27	J-Slav.	Chile Nit. Sales Corp.	Cardiff, Wales	Tocopilla, Chile.	Ballast	
Mosfruit [2]	26	27	Nor.	Martin Mosvold	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Frank [3]	26		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]		20
Sambu [2]	25	26	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	57
Santa Lucia	27	29	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	3,113
Honolulan	26	28	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	San Diego, Calif.	General	3,861
Dakotan	26	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,196
Samnanger	26	28	Nor.	Chile Nit. Sales Corp.	Houston, Tex.	Chile	Ballast	
Torny	27	29	Nor.	No. Atl. & Gulf Co.	New York, N. Y.	Puntarenas, C. R.	Iron rails	3,284
Munchen [2]	26	29	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	4,012
Orotava	27	29	Hond.	United Fruit Co.	New Orleans, La.	La Union, Salv.	General	646
Navarino	27	29	Brit.	Seaboard Ship. Co.	Leith, Scotland	Vancouver, B. C.	Ballast	
Tekoa	27	29	Brit.	N. Z. Shipping Co.	Newport, Eng.	Pt. Chal'ers, N.Z.	General	8,943
Gretavale	27	29	Brit.	Chile Nit. Sales Corp.	Hamburg, Ger.	Chile	Ballast	
Ulm [2]	27	29	Ger.	North German Lloyd.	Hamburg, Ger.	Los Angeles, Cal.	Ballast	
Point Arena	27	29	Amer.	Swayne & Hoyt	Mobile, Ala	Seattle, Wash.	General	4,747
Chas. R. McCormick.	27	29	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Steel, gen.	7,368
Tamerlane [2]	27	29	Nor.	Wm. J. Roundtree	Louisburg, N. S.	Dairen, China	Steel, mach.	9,312
Port Sydney	28	29	Brit.	Port Line	London, England	Wellington, N. Z.	Ballast	
Hamakua	28	29	Amer.	Matson Nav. Co.	Philadelphia, Pa.	Hilo, T. H.	Steel, gen.	4,641
Port Chalmers [2]	28	29	Brit.	Port Line	London, England	Auckland, N. Z.	General	6,726
Edward Luckenbach.	28	29	Amer.	Luckenbach Line	Boston, Mass.	Tacoma, Wash.	General	4,383
S-44 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
S-47 [7]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Velero III [6]	28	5–2	Amer.	University of So. Calif.	Barranquilla, Col.	San Diego, Calif.	Ballast	
Helga	28	29	Dan.	J. Lauritzen	New York, N. Y.	Valparaiso, Chile.	General	2,008
Chastine Maersk [2]	27	29	Dan.	Mitsui Co.	New York, N. Y.	Yokohama, Japan	(15)	7,365
Schwaben	28	30	Ger.	North German Lloyd.	Hamburg, Ger.	Vancouver, B. C.	General	3,883
Rushpool	28	29	Brit.	Anglo-Can. S. S. Co.	S. Shields, Eng.	Brit. Columbia	Ballast	
Lochkatrine [2]	28	29	Brit.	Royal Mail Lines	Rotterdam, Neth.	Vancouver, B. C.	General	2,505
Bethore	28	30	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Lebore	29	30	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
President Polk	30	30	Amer.	Amer. President Lines	New York, N. Y.	S. Francisco, Cal.	General	4,491
Williamson [9]	26		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Childs [9]	26		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Kinka Maru [2]	28	30	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Cotton, tin.	8,459
City of San Francisco.	30	30	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,877
Kimikawa Maru [2]	28	30	Jap.	K Line	New York, N. Y.	Tokuyama, Japan	Gen., cotton.	7,974
Douro [2]	29	30	Neth.	Royal Neth. S. S. Co.	Pto. Barrios, Gua.	Tumaco, Colom.	General	373
Athina Livanos	29	30	Greek.	Chile Nit. Sales Corp.	Charleston, S. C.	Chile	Ballast	
Nicolas D. L.	29	30	Greek.	Cephalonian Maritime.	Hartlepool, Eng.	Vancouver, B. C.	Ballast	
Chester O. Swain [1]	29	1	Amer.	Standard Oil of N. J.	Aruba, N. W. I.	Balboa, C. Z.		476
City of Derby	29	30	Brit.	Ellerman & Bucknall.	Baltimore, Md.	Dairen, China	(16)	5,775
Carolinian	29	30	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,774
Corrientes	29	1	Brit.	Donaldson Line, Ltd.	Glasgow, Scotland	Vancouver, B. C.	General	799
Gen. Wm. M. Graham.[11]	26		Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Hindanger [2]	30	1	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Akiura Maru [2]	30	1	Jap.	Mitsubishi S. Kaisha.	Pt. Tampa, Fla.	Osaka, Japan	Cotton, coke	9,185
Brattdal [2]	30	1	Nor.	Westralian Farmers	Liverpool, Eng.	Vancouver, B. C.	Ballast	
Portmar	1	1	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,649
Nyhorn [2]	1	1	Nor.	Knutsen Line	S'ampton, Eng.	Vancouver, B. C.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [7] Submarine. [8] Transport. [9] Destroyer. [11] Mine planter. [13] For bananas and return to Cristobal. [14] Scrap iron, general. [15] Scrap iron, steel. [16] General, steel products, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Trevalgan [2]	1	4	Brit.	No. Pac. Shipping Co.	Swansea, England	Brit. Columbia	Ballast	
Colombia [2]	30	1	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	760
Walter D. Munson	1	1	Amer.	Seagrams & Sons	Baltimore, Md.	Portland, Oreg.	Whiskey	3,059
Northleigh	1	1	Brit.	Seaboard Ship. Co.	Barry, England	S. Francisco, Cal.	Ballast	
Col. Riche [5]	23		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Porto Bello [3]	1	1	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Cerigo	29	2	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	76
Naumburg	1	2	Ger.	Hamburg-Amer. Line.	New Orleans, La.	New Zealand	General	6,888
Wildwood	1	2	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	2,797
Tropic Star [2]	2	2	Nor.	Chile Nit. Sales Corp.	Pensacola, Fla.	Chile	Ballast	
Marconi [2]	30		Pan.	D. Campodonico.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Robert Luckenbach.	2	2	Amer.	Luckenbach Line	Tampa, Fla.	Tacoma, Wash.	General	6,545
Acajutla	26	2	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	745
M. A. Powers [1] [2]	30	2	Amer.	Petroleum Nav. Co.	New York, N. Y.	S. Francisco, Cal.	Lub. oil	457
Orion [12]	2	5	Brit.	British Government	Kingston, Jam.	Vancouver, B. C.	Ballast	
Petter II [1]	2	3	Nor.	Standard Oil of N. J.	Aruba, N. W. I.	Tocopilla, Chile.	Fuel oil	9,790
Tai Yang [2]	3–15	2	Nor.	W. Wilhelmsen Line.	Boston, Mass.	Osaka, Japan.	Scrap iron	8,380
Silveryew [2]	2	2	Brit.	Silver Line, Ltd.	Boston, Mass.	Hongkong, China	General	1,676
Lena [6]	24	4	Amer.	Akim Kouprianoff	Boston, Mass.	Tahiti, So. Sea Is.	Ballast	
P-6 [5]			Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Col. Riche [5]	1		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	
E. J. Hooper No. 1 [5]			Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.	Not stated	
Port Bowen	2	3	Brit.	Port Line, Ltd.	Glasgow, Scotland	Australia	General	5,202
Thrush [10]	7		Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Kaikoura [2]	3	3	Brit.	Mont.-Aust.-N.Z. Line	Halifax, N. S.	Adelaide, Aust.	General	5,254
Fella [2]	2	3	Ital.	Italia Line	Trieste, Italy	Vancouver, B. C.	General	1,810
British Columbia Express. [2]	3	3	Nor.	Fruit Express Line	Glasgow, Scotland	Los Angeles, Cal.	Ballast	
Hellen	3	3	Nor.	Chile Nit. Sales Corp.	Charleston, S. C.	Chile	Ballast	
Nuevo Panama [2]	2	3	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	250
San Jose	3	4	Fr.	French Line	Havre, France	Vancouver, B. C.	General	4,757
Sambu [2]	2	4	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	90
Hegira	3	4	Amer.	Weyerhaeuser S.S. Co.	New York, N. Y.	Seattle, Wash.	General	4,650
Marore	3	4	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Nebraskan	3	4	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,306
R. J. Hanna [1]	3	4	Amer.	Standard Oil of Calif.	Baltimore, Md.	S. Francisco, Cal.	Ballast	
Waipawa [2]	4	4	Brit.	Shaw, Savill Lines	London, England	Lyttelton, N. Z.	General	5,958
Steel Voyager	4	4	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Kahului, T. H.	Steel, gen.	6,085
Mugford [9]	4		Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
African Reefer [2]	4	4	Dan.	J. Lauritzen	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Memphis [12]	1	4	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
Potter [2]	4	4	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Haiphong, China.	Gen., wheat	6,738
Santa Barbara [2]	4	5	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	3,103
San Simeon	2	4	Amer.	Quaker Line	Philadelphia, Pa.	Tacoma, Wash.	General	4,447
Dresden [2]	3	4	Ger.	North German Lloyd.	Hamburg, Ger.	Valparaiso, Chile.	General	4,422
West Camargo	4	4	Amer.	McCormick S. S. Co.	BuenosAires, Arg.	Vancouver, B. C.	General	5,451
Col. Riche [5]	2		Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Wright [13]	4	5	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
Mariston	4	5	Brit.	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile.	Ballast	
Fanning [9]	5		Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
Leeds City	4	5	Brit.	Mitsuibishi Line	Pt. Tampa, Fla.	Japan	Phosphate	7,800
California Standard. [1] [2]	4	5	Pan.	Foreign Tankship Co.	Hull, England	Los Angeles, Cal.	Ballast	
Steelmaker	4	5	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	Steel, paper	7,335
Fernglen [2]	4	5	Nor.	Fern Line	Gulfport, Miss.	Kobe, Japan	(14)	8,066
Bennekom	2	5	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,164
Goslar	4	5	Ger.	North German Lloyd.	New Orleans, La.	Brisbane, Aust.	Gen., asphalt	7,722
Gertrude Maersk [2]	5	5	Dan.	Isbrandtsen Moller.	Boston, Mass.	Manila, P. I.	General	6,654
Lodestone	5	5	Brit.	Seaboard Ship. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Deroche [1]	5	5	Amer.	Union Oil of Calif.	Paulsboro, N. J.	Los Angeles, Cal.	Ballast	
Panama	3		Amer.	Panama R.R.S.S. Line	New York, N. Y.	Balboa, C. Z.	Ballast	
Elisabeth Bakke [2]	5	6	Nor.	Knut Knutsen, O.A.S.	Goth'burg, Swed.	Vancouver, B. C.	Ballast	
Clio [2]	4	6	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	56
Julia Luckenbach.	6	6	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., autos.	4,345
Kaimoku	6	6	Amer.	Matson Nav. Co.	Baltimore, Md.	Honolulu, T. H.	General	3,833
Newton Beech	5	6	Brit.	Seaboard Ship. Co.	Cardiff, Wales	Brit. Columbia	Ballast	
Marymar	6	6	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	6,441
Nero [2]	30	6	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	50
Disa	6	6	Swed.	Rederi Disa	Minatitlan, Mex.	S. Juan Sur, Nic.	Pet. prod.	1,700
Bogota [2]	4	6	Ger.	North German Lloyd.	Manaure, Colom.	Guayaquil, Ecua.	Gen., salt	1,162
Trois Ilets	5	6	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	107
City of Norfolk	7	7	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	Gen., mach.	3,410
Eidsvold [2]	7	7	Nor.	Kawasaki K. Kaisha.	Tampa, Fla.	Yokohama, Japan	Phosphate	7,691
Cabimas [1]	7		Colom.	Colombian Gov't	Cartagena, Col.	Balboa, C. Z.	Drydocking	
Sagittaire [2]	6	7	Fr.	Messageries Marit'es.	Dunkerque, Fr.	Noumea, N. Cal.	General	2,391
Derrymore [2]	6	7	Brit.	Hamburg-Amer. Line.	New Orleans, La.	Osaka, Japan	General	9,104
Axel Johnson [2]	6	8	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., cement	3,205

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [9] Destroyer. [10] Mine sweeper. [12] Cruiser. [13] Aircraft tender. [14] Scrap iron, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Friedrich Breme[1]	[2] 6	7	Ger...	Waried Tank Rhed'i.	Stockholm, Swed.	Talara, Peru....	Ballast.....	.....
Floridian.....	7	10	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General.....	3,940
Tai Yin [2].....	7	7	Nor...	Barber Line.....	Baltimore, Md...	Osaka, Japan....	([14])	5,888
Colombia [2].....	6	7	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	725
Henry S. Grove..	7	7	Amer..	Isthmian S. S. Lines..	Portland, Me....	Seattle, Wash...	([15])	4,805
Utahan.....	7	8	Amer..	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash....	Gen., steel...	2,799
Intrepid [6].....	7	...	Amer..	W. P. Murphy.....	N. London, Conn.	Victoria, B. C...	Ballast.....	.....
Kyusyu Maru [2]..	7	8	Jap...	Osaka Syosen Kaisya	Boston, Mass....	Kobe, Japan....	([16])	6,836
Germa.....	8	8	Nor...	Mitsui Line.....	Philadelphia, Pa.	Dairen, China...	Steel plate..	6,931
Noparo [6].....	8	9	Amer..	N. B. Woolworth....	New York, N. Y.	Vancouver, B. C.	Ballast.....	.....
Porto Bello [3].....	8	8	Pan...	A. Tagaropulos....	Cristobal, C. Z..	Real, R. P.....	General.....	3
Ionia.....	8	9	Ger...	Hamburg-Amer. Line.	Bremen, Ger.....	S. Jose de Guat..	General.....	3,103
John Cabot.....	2	9	Brit...	Grace Line.....	Cristobal, C. Z..	Champ'ico, Guat.	General.....	761
Gertrude Kellogg[1]	8	9	Amer..	Kellogg S. S. Co.....	New York, N. Y.	Los Angeles, Cal.	Ballast.....	.....
Mussolini [2].....	8	...	Pan...	D. Campodonico.....	Cristobal, C. Z...	Balboa, C. Z....	Ballast.....	.....
Krossfonn [1] [2]....	9	9	Nor...	Pechelbronn.....	Pt. de Bouc, Fr...	Cabo Bl'co, Peru	Ballast.....	.....
Tennessee [13].....	9	11	Amer..	U. S. Navy.....	New York, N. Y.	Los Angeles, Cal.	Ballast.....	.....
Amerikaland [2]...	9	10	Swed..	Ore S. S. Corp.....	Baltimore, Md...	Cruz Gr'de, Chile	Ballast.....	.....
Ganges.....	9	9	Brit...	Canadian Transp. Co.	Nassau, B. W. I.	Vancouver, B. C.	Ballast.....	.....
Osorno.....	8	9	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Valparaiso, Chile.	General.....	4,865
Sambu [2].....	8	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Tuira [2].....	8	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Real [2].....	8	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Santa Maria [1]....	8	10	Amer..	Union Oil of Calif....	Cristobal, C. Z..	S. Francisco, Cal.	Ballast.....	.....
Bintange [2].....	9	10	Neth..	Nederland Line.....	Amsterdam, Neth	Los Angeles, Cal.	Ballast.....	.....
Scottish Star.....	9	10	Brit...	Blue Star Line.....	Tyne, England..	Vancouver, B. C.	Ballast.....	.....
Anneliese Essberger. [2]	10	10	Ger...	General S. S. Co.....	Rotterdam, Neth.	Los Angeles, Cal.	Ballast.....	.....
Asuka Maru [2]....	10	10	Jap...	Nippon Yusen Kaisha	La Guayra, Ven.	Yokohama, Japan	([17])	9,313
Turakina.....	10	11	Brit...	N. Z. Shipping Co...	Liverpool, Eng..	Bluff, N. Z.....	General.....	8,392
Langleecrag.....	10	10	Brit...	Anglo-Can. S. S. Co..	Barry, England..	Portland, Oreg...	Ballast.....	.....
President Herrenschmidt.[1] [2]	10	10	Nor...	Pechelbronn.....	Donges, France..	La Libertad, Ecu.	Ballast.....	.....
Keiyo Maru [2]....	10	10	Jap...	Nippon Yusen Kaisha	New Orleans, La.	Yokohama, Japan	([18])	7,894
Orbita.....	9	10	Brit...	Pacific Steam Nav. Co.	Liverpool, Eng..	Valparaiso, Chile.	General.....	2,148
Arkansan.....	10	11	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Portland, Oreg...	General.....	3,648
Col. Riche [5].....	4	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Tow. barge..	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Frangoula B. Goulandris.	10	11	Greek.	Anglo-Can. S. S. Co..	Vancouver, B. C.	.....	Grain, lum...	8,700
Barrwhin.....	10	11	Brit...	Canadian Transp. Co.	Britannia, Loy. Is.	.....	([19])	8,254
Amgisan Maru [2]..	11	11	Jap...	Mitsui Bussan Kaisha	Manila, P. I.....	New York, N. Y.	Sugar, gen..	7,753
Illinoian.....	11	11	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Baltimore, Md...	Lumber, gen.	7,704
Kano Maru [2]....	11	11	Jap...	Kokusai Kisen Kaisha	Penang, Mal. Pen.	New York, N. Y.	([20])	7,113
Nuevo Panama [2].	11	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	54
Pacific President [2]	11	11	Brit...	Furness, Withy & Co.	Vancouver, B. C.	London, England	General.....	7,964
City of San Francisco.	11	12	Amer..	Panama-Pacific Line..	S. Francisco, Cal.	New York, N. Y.	General.....	5,014
Skeldergate.....	10	12	Brit...	Seaboard Ship. Co...	Pt. Alberni, B.C..	Philadelphia, Pa.	([21])	5,752
Killerig.....3	-31	12	Pan...	Merritt, Chapman, Lin.	Bona Island.....	Kingston, B.W.I.	Ballast.....	.....
Mariston.....	11	12	Brit...	Chile Nit. Sales Corp.	Antof'gasta, Chile	Savannah, Ga...	Nitrate.....	7,450
Real [2].....	11	13	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	21
Trecarrell.....	11	12	Brit...	Seaboard Ship. Co...	Vancouver, B. C.	London, England	Wheat, lum.	8,200
Lebore.....	12	12	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	21,800
Alamar.....	11	12	Amer..	Calmar S. S. Corp....	Seattle, Wash...	Baltimore, Md...	([22])	7,130
Santa Lucia.....	12	13	Amer..	Grace Line.....	San Antonio, Chile	New York, N. Y.	General.....	4,750
Sessa.....	11	12	Dan...	Wessel, Duval & Co..	Talcahuano, Chile	New York, N. Y.	General.....	2,663
King Fredrick....	11	12	Brit...	Canadian Transp. Co.	Pt. Alberni, B. C.	Liverpool, Eng..	Grain, lum..	7,950
Nevadan.....	12	12	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass....	General.....	6,645
Steel Maker.....	12	12	Amer..	Isthmian S. S. Lines..	Seattle, Wash...	Mobile, Ala.....	Ballast.....	.....
Alaska.....	12	14	Fr....	French Line.....	Valparaiso, Chile.	Antwerp, Belgium	General.....	8,445
Ellin.....	12	13	Greek.	Seaboard Ship. Co...	Vancouver, B. C.	Manchester, Eng.	Grain, metals	8,500
Hazelside.....	12	13	Brit...	Canadian Transp. Co.	Pt. Alberni, B. C.	Rimouski, Quebec	([21])	5,595
Quito [2].....	13	15	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	([23])	791
Gracia.....	13	13	Brit...	Donaldson Line.....	N. Westm'er, B.C.	London, England	([24])	6,396
Trondanger [2].....	13	13	Nor...	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam, Neth.	([25])	8,241
Nero [2].....	13	15	Neth..	Royal Neth. S. S. Co.	Tumaco, Colom..	Cristobal, C. Z..	Coffee.....	212
Mataroa.....	13	14	Brit...	Shaw, Savill & Albion	Auckland, N. Z..	London, England	([26])	4,756
San Antonio.....	13	14	Fr....	French Line.....	Vancouver, B. C.	Havre, France...	General.....	6,871
Liberty Glo.....	13	13	Amer..	Amer.-For. S. S. Corp	Everett, Wash...	New York, N. Y.	Lumber.....	8,000
Hellen.....	13	14	Nor...	Chile Nit. Sales Corp..	Iquique, Chile...	Wilmington, N.C.	Nitrate.....	7,700
Boskoop.....	13	14	Neth..	Royal Neth. S. S. Co.	Corral, Chile....	Hamburg, Ger...	General.....	6,814

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [6] Yacht. [13] Battleship. [14] Scrap iron, general. [15] Steel, automobiles, general. [16] Steel bars, scrap. [17] Gasoline, iron, potash, general. [18] Gasoline, phosphate, general. [19] Pyretis, oats, flour. [20] Rubber, tin, general. [21] Lumber, fish meal. [22] Lumber, wood pulp. [23] Coffee, tagua, wood. [24] Grain, fruit, general. [25] Grain, lumber, general. [26] Dairy products, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Pakeha	13	14	Brit.	Shaw, Savill & Albion	Wanganui, N. Z.	Glasgow,Scotland	Frozen, gen.	7,416
Vagabondia [2] [6]	12	14	Amer.	W. L. Mellon	Callao, Peru	Miami, Fla.	Ballast	.....
Istmo	14	15	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	422
Ino [2]	14	15	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(14)	455
Martin Bakke [2]	14	14	Nor.	Knutsen Line	Vancouver, B. C.	Belfast, Ireland	General	7,879
Hadleigh	14	14	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Cardiff, Wales	Wheat, lum.	9,430
Langanger [1] [2]	14	14	Nor.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N.W.I.	Gas oil	14,269
Trois Ilets	14	16	Fr.	French Line	Esmeraldas, Ecu.	Cristobal, C. Z.	(15)	274
Gypsum Queen	14	14	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Tampa, Fla	Nitrate	6,400
Dalblair	14	15	Brit.	Clover Bros.,London	Ocean Island	Stockholm,Swed.	Phosphate	7,700
Donau	14	15	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	9,779
Orazio [2]	14	16	Ital.	Italian Line	Valparaiso, Chile	Genoa, Italy	General	2,644
Grayburn	14	15	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Savannah, Ga.	Nitrate	11,900
San Angelo	14	15	Amer.	Quaker Line	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,617
Paul Luckenbach	14	15	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	6,746
Goodleigh	15	15	Brit.	Seaboard Lumber Co.	Pt.Alberni, B. C.	Hull, England	Wheat, lum.	9,660
Nordnes [2]	15	15	Nor.	Brit. Phosphate Com.	Nauru Island	Garston, England	Phosphate	7,950
Content [2] [6]	15	18	Amer.	E. J. Krause	Los Angeles, Cal.	Miami, Fla.	Ballast	.....
Jacob Luckenbach	15	15	Amer.	Luckenbach Line	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	6,084
Telde	15	16	Hond.	United Fruit Co.	Acajutla, Salv.	New Orleans, La.	(16)	529
Memphis City	15	16	Amer.	Isthmian S. S. Lines	Portland, Oreg.	Avonmouth, Eng.	Grain, gen.	7,950
Porto Bello [2]	15	15	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(17)	12
Everleigh	16	16	Brit.	Atl. Ship. & Trad. Co.	Vancouver, B. C.	Liverpool, Eng.	Grain, lum.	9,300
Trontolite [1] [2]	15	16	Brit.	Imperial Oil Ship. Co.	Talara, Peru	Montreal,Canada	(18)	7,500
Marore	16	16	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,500
City of Glasgow	16	17	Brit.	M. A. N. Z. Line	Lyttelton, N. Z.	Montreal,Canada	General	4,073
Royal Crown	16	17	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores.[13]	Nitrate	8,025
Hulda Maersk [2]	16	17	Dan.	Maersk Line	Iloilo, P. I.	New York, N. Y.	General	5,542
Terukawa Maru [2]	16	17	Jap.	Kawasaki K. Kaisha	Tsingtao, China	Houston, Tex.	General	2,479
R. J. Hanna [1]	16	17	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	(19)	9,913
Missourian [2]	16	17	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	7,570
Huzikawa Maru [2]	17	17	Jap.	Mitsui Bussan Kaisha	Manila, P. I.	New York, N. Y.	(20)	8,381
Mussolini [2]	17	18	Pan.	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	80
Cassel	17	17	Ger.	Hamburg-Amer. Line.	Noumea,N.Caled	Hamburg, Ger.	(21)	6,335
Emergency Aid	17	18	Amer.	McCormick S. S. Co.	Townsend, Wash.	Philadelphia, Pa.	Lumber, gen.	6,838
Deroche [1]	16	18	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J.	Pet. solvent	6,627
Tropic Star	17	18	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nitrate	8,350
Kent	17	18	Brit.	Fed. Steam Nav. Co.	Wellington, N. Z.	Hamburg, Ger.	Frozen, gen.	5,981
Oakmar	18	18	Amer.	Calmar S. S. Corp.	Portland, Oreg.	Baltimore, Md.	(22)	5,878
Cellina [2]	18	19	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy.	Wheat, gen.	4,126
Noto Maru [2]	18	19	Jap.	Nippon Yusen Kaisha	Kobe, Japan	Baltimore, Md.	Sugar, gen.	6,178
City of Norfolk	18	19	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	.....	3,195
Vancouver City	18	19	Brit.	Reardon-Smtih Line	Manila, P. I.	Hatteras.[13]	Sugar	8,500
Norman Monarch	18	19	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	New York, N. Y.	Timber	8,500
Sambu [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	54
Tuira [2]	18	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Real [2]	18	19	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	29
Pennsylvania Sun.[1] [2]	19	19	Amer.	Sun Oil Co.	El Segundo, Cal.	Marcus Hook,Pa.	Gasoline	17,515
Lochgoil [2]	18	20	Brit.	No. Pac. Coast Line	Vancouver, B. C.	Rotterdam,Neth.	Frozen, gen.	9,960
Pereira	19	24	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	594
Santa Barbara [2]	19	19	Amer.	Grace Line	Valparaiso, Chile	New York, N. Y.	Copper, gen.	4,272
Lancaster	19	19	Amer.	Weyerhaeuser S.S. Co.	Seattle, Wash.	Norfolk, Va.	Lumber, gen.	7,776
Arizonan	19	19	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	Lumber, gen.	6,592
San Mateo	19	21	Fr.	French Line	Vancouver, B. C.	Havre, France	Lumber, gen.	6,739
Naruto Maru [2]	19	20	Jap.	Nippon Yusen Kaisya	Keelung, China	New York, N. Y.	General	7,609
Columbian	19	20	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	5,033
Washington Express.[2]	20	20	Nor.	Fruit Express Line	Seattle, Wash.	Havre, France	Fresh fruit	1,866
Bogota [2]	20	22	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	General	632
Steelore	20	20	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Elizabeth Kellogg[1]	20	20	Amer.	Kellogg S. S. Corp.	Manila, P. I.	New York, N. Y.	Coconut oil	6,685
Chile [2]	20	20	Swed.	Johnson Line	Valparaiso, Chile	Stockholm, Swed.	General	5,882
Róss [2]	20	20	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	London, England	(23)	8,600
New Westminster City.	20	21	Brit.	East Asiatic Co.	Rashin, Korea	Bergen, Norway	Soy beans	8,300
Gannet [4]	20	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
San Clemente	20	21	Amer.	Calif. & Eastern Line.	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	6,065
Ino [2]	20	22	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	(24)	433
Clio [2]	20	22	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(25)	498
Porto Bello [2]	20	20	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(26)	10
Atlantic	20	21	Amer.	Isthmian S. S. Lines	Kahului, T. H.	Baltimore, Md.	(27)	7,037
Dundee [12]	17	21	Brit.	British Government	Corinto, Nic.	Kingston, Jam.	Ballast	.....
Erria [2]	21	21	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen,Den.	General	6,988
El Oso [1]	21	21	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru	Ellesmere, Eng.	Bulk oil	10,254
Misoa [1]	14	21	Brit.	West India Oil Co.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....

[1] Tanker. [2] Motor ship. [4] Tug. [6] Yacht. [12] Cruiser. [13] For orders. [14] Coffee, cocoa, wood. [15] Coffee, tagua, silk. [16] Coffee, bananas, general. [17] Plantains, pears, watermelons. [18] Casinghead gasoline. [19] Cutback asphalt. [20] Sugar, silk, tea, general. [21] Ore, wool, tallow. [22] Lumber, copper, pulp. [23] Grain, lumber, general. [24] Coffee, hides, general. [25] Cacao, tagua, balsa, general. [26] Lumber, fruit, plantains. [27] Sugar, canned goods.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Istmo	21	28	Pan	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	682
Oremar	21	22	Amer.	Calmar S. S. Corp.	S. Francisco, Cal.	Baltimore, Md.	(14)	7,190
Cambridge	21	22	Brit.	Fed. Steam Nav. Co.	Lyttelton, N. Z.	London, England	Frozen, gen.	7,870
Susan V. Luckenbach.	21	22	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	(15)	6,471
Lafcomo	22	22	Amer.	Luckenbach-Gulf Co.	S. Francisco, Cal.	New York, N. Y.	General	3,474
Swiftscout [1]	22	23	Amer.	Shell Union Oil Co.	Los Angeles, Cal.	Bayonne, N. J.	Fuel oil	11,245
Amerikaland [2]	22	23	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Doric Star	23	23	Brit.	Blue Star Line	N. Plym'th, N. Z.	London, England	Frozen, gen.	7,126
Californian [2]	23	23	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	5,400
Marconi [2]	23	25	Pan.	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	113
Aleksandar I	23	23	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores.[13]	Nitrate	9,100
Rio Indio [2]	23	23	Pan.	United Fruit Co.	Puntarenas, C. R.	Bocas del Toro	Ballast	.....
Point Judith	22	24	Amer.	Swayne & Hoyt	Los Angeles, Cal.	New Orleans, La.	General	6,802
Arima Maru [2]	23	24	Jap.	Nippon Yusen Kaisha	Yokohama, Japan	Hamburg, Ger.	General	5,601
Sanyo Maru [2]	23	24	Jap.	Osaka Syosen Kaisya.	Tsingtao, China	Antwerp, Belgium	General	5,915
Oregon [2]	23	24	Fr.	French Line	Valparaiso, Chile.	Havre, France	(16)	9,206
Hollywood	23	24	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	6,775
Asakasan Maru [2]	23	24	Jap.	Mitsui & Co.	San Jose, P. I.	New York, N. Y.	General	6,375
Winkleigh	23	24	Brit.	W. J. Tatem & Co.	Pt. Alberni, B. C.	London, England	Lum., grain.	8,880
Kiyokawa Maru [2]	24	24	Jap.	Kawasaki K. Kaisha.	Shanghai, China	New York, N. Y.	(17)	7,353
Rossington Court.	24	24	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Hull, England	Barley, lum.	10,000
Nurmburg [2]	24	25	Ger.	North German Lloyd.	Valparaiso, Chile.	Hamburg, Ger.	General	5,909
Santa Inez [2]	24	24	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	(18)	2,954
Caithness [2]	24	24	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Dunkerque, Fr.	Lumber, gen.	9,058
Tai Ping [2]	24	24	Nor.	Barber-Wilhelmsen	Davao, P. I.	New York, N. Y.	Oil, general	6,101
Steel Inventor	24	24	Amer.	Isthmian S. S. Lines	Seattle, Wash.	New Orleans, La.	General	578
Jeff Davis [2]	24	25	Amer.	Roosevelt S. S. Co.	Iloilo, P. I.	New York, N. Y.	(19)	4,900
Ewa	24	25	Amer.	Matson Nav. Co.	Pt. Allen, T. H.	Baltimore, Md.	(20)	9,094
Biddlestone	24	25	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nitrate	7,860
Trois Ilets	24	25	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	236
Fresno Star	24	25	Brit.	Blue Star Line	N. Westm'er, B. C.	Newcastle, Eng.	Frozen, gen.	7,252
Murjek [2]	24	25	Swed.	Chile Nit. Sales Corp.	Tocopilla, Chile	Gulfport, Miss.	Nitrate	7,325
Pacific Exporter [2]	25	25	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	8,357
Nuevo Panama [2]	25	25	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	78
City of Baltimore	25	26	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,319
Arawa	25	26	Brit.	Shaw, Savill & Albion	Wellington, N. Z.	S'ampton, Eng.	Frozen, gen.	4,578
Point Brava	25	26	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	General	5,892
China	25	26	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	5,784
Acajutla	25	5–2	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Wood, coffee	840
Sambu [2]	25	26	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	41
J. Fred Talbot [9]	26	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Tattnall [9]	26	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Charleston [12]	26	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Munsterland [2]	25	26	Ger.	Hamburg-Amer. Line.	Nagoya, Japan	New Orleans, La.	(21)	6,539
Maria Stathatos	25	26	Greek.	Anglo-Can. S. S. Co.	Brit. Columbia	Liverpool, Eng.	(22)	8,512
George M. Embiricos.	26	26	Greek.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Garston, England	Wheat, lum.	9,340
Kentuckian	26	26	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	4,194
Oropesa	26	27	Brit.	Pacific Steam Nav. Co.	San Antonio, Chile	Liverpool, Eng.	(23)	6,315
Uffington Court	26	26	Brit.	Canadian Transp. Co.	Pt. Alberni, B. C.	Barry, England	Wheat, lum.	8,450
Sangstad [2]	26	27	Nor.	Fern Line	Iloilo, P. I.	Baltimore, Md.	(24)	7,500
Gen. W. M. Graham.[11]	26	30	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Seattle [2]	28	5–1	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	Logs, gen.	6,965
Salacia [2]	26	29	Brit.	Donaldson Line	Vancouver, B. C.	Glasgow, Scotland	General	6,740
West Nilus	26	29	Amer.	McCormick S. S. Co.	Tacoma, Wash.	Buenos Aires, Arg.	General	5,666
H. D. Collier [1]	27	29	Amer.	Standard Oil of Calif.	El Segundo, Calif.	Havre, France	Av. gasoline	11,462
Silverwillow [2]	27	30	Brit.	Kerr S. S. Co.	Vancouver, B. C.	South Africa	Lum., asph'lt	7,068
Villanger [2]	26	29	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth.	General	7,197
Hermonthis [2]	27	30	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	5,854
Dalveen	27	29	Brit.	British Phosphate	Nauru, So. Pacific	Kotka, Finland	Phosphate	7,350
Nero [2]	27	...	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	478
Cerigo	27	2	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	827
Swiftarrow [1]	27	30	Amer.	Shell Oil Co.	Los Angeles, Cal.	Boston, Mass.	Fuel oil	11,090
San Gil	27	30	Pan.	United Fruit Co.	Champ'ico, Guat.	New Orleans, La.	(25)	261
Nourmahal [2] [6]	28	30	Amer.	Vincent Astor	Honolulu, T. H.	St. George, Ber.	Ballast	.....
Porto Bello [2]	29	29	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Fruit, lum.	9
Copiapo [2]	29	30	Chile	Cia. Snd Amer. de Vap.	Talcahuano, Chile	Hamburg, Ger.	General	3,795
Firmore	28	30	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,850
Lena Luckenbach.	28	30	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Tampa, Fla.	General	4,393
Colombia [2]	28	1	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	814
Canadian Reefer [2]	29	30	Dan.	J. Lauritzen	Seattle, Wash.	Haifa, Palestine	Fruit, gen.	1,696
Horace Luckenbach.	28	30	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,514
El Mirlo [1]	28	30	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Donges, France	Crude oil	11,511

[1] Tanker. [2] Motor ship. [6] Yacht. [9] Destroyer. [11] Mine planter. [12] Cruiser. [13] For orders. [14] Lumber, copper, pulp. [15] Lumber, pulp, general. [16] Nitrate, copper, general. [17] Sugar, silk, oil, general. [18] Copper, fruit, coffee. [19] Sugar, ore, hemp, general. [20] Canned pineapples, sugar. [21] Copra, sugar, oil, general. [22] Lumber, barley, wheat. [23] Coffee, wool, general. [24] Sugar, chromite ore. [25] Coffee, wood, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Hanley	29	30	Amer.	Weyerhaeuser S.S. Co.	Longview, Wash.	Baltimore, Md.	Lumber, gen.	9,772
Takaoka Maru	29	30	Jap.	Nippon Yusen Kaisha	Los Angeles, Cal.	New Orleans, La.	Sugar, gen.	7,138
Wind Rush	29	30	Amer.	Shepard S. S. Co.	Portland, Oreg.	Albany, N. Y.	Lumber, gen.	7,994
Kaimata	29	30	Brit.	M.-A.-N. Z. Line	Melbourne, Aust.	Montreal, Can.	General	2,039
Mahimahi	29	30	Amer.	Matson Nav. Co.	Hilo, T. H	Baltimore, Md.	(15)	8,568
El Ciervo [1]	29	30	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Cobh, Ireland	Crude oil	7,298
Abraham Lincoln [2]	29	1	Nor.	Fred Olsen & Co.	N.Westm'er, B.C.	Oslo, Norway	Wheat, gen.	8,361
Zrinski	29	30	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nitrate	8,220
Marconi [2]	30	2	Pan.	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	103
Texas Sun [1] [2]	29	30	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	14,949
Iowan	30	30	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,538
Wyoming	30	1	Fr.	French Line	Seattle, Wash.	Rotterdam, Neth.	(16)	7,435
Chilore	1	1	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Helder	30	2	Neth.	Royal Neth S. S. Co.	Corral, Chile	Hamburg, Ger.	General	5,809
Valparaiso [2]	30	1	Swed.	Johnson Line	Vancouver, B. C.	Goth'burg, Swed.	(17)	6,150
Ida Bakke [2]	1	1	Nor.	Knutsen Line	Vancouver, B. C.	Glasgow, Scot.	General	7,570
Peter Kerr	30	1	Amer.	States S. S. Co.	Portland, Oreg.	Philadelphia, Pa.	(18)	10,303
Emma Bakke [2]	1	1	Nor.	Knutsen Line	Valparaiso, Chile.	London, England	General	6,937
Calmar	30	1	Amer.	Calmar S. S. Corp.	S. Francisco, Cal.	Baltimore, Md.	Copper, lum.	6,548
Rangitata [2]	1	1	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	5,966
Tomislav	1	1	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nitrate	8,160
Iserlohn	1	3	Ger.	Hamburg-Amer. Line.	Corinto, Nic.	Hamburg, Ger.	General	2,084
Marna [4]	1	2	Dan.	J. Lauritzen	SanAntonio, Chile	New York, N. Y.	General	2,650
Thorstrand [2]	1	2	Nor.	Fred Olsen Line	Los Angeles, Cal.	London, England	Cit. fruit	1,750
Nuevo Panama [2]	1	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	80
Willmoto [2]	1	2	Amer.	Arrow Line	Longview, Wash.	Baltimore, Md.	Lumber	6,450
Tacoma City	2	2	Brit.	Sir W. R. Smith & Sons	Manila, P. I.	U. S. Atl. ports.	Raw sugar	8,149
John Cabot	2	9	Brit.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	970
Berganger [2]	2	2	Nor.	Interocean Line	Seattle, Wash.	Rotterdam, Neth.	(19)	8,465
Ville De Strasbourg.	2	3	Fr.	Messageries Marit'es.	Noumea, N. Cale.	Marseille, France	General	4,855
City of Newport News.	2	3	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	4,477
Delftdijk [2]	2	3	Neth.	N. Pac. Coast Line	Victoria, B. C.	Rotterdam, Neth.	(20)	10,119
Sambu [2]	2	3	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	55
Willet [4]	2	6	Amer.	Mer't-Chapman-Scott	Callao, Peru	Guanta, Venez.	Tow. dredge.	.....
Peru [13]	2	6	Amer.	W. H. Gahagan, Inc.	Callao, Peru	Guanta, Venez.	.....	.....
Mostun [2]	2	3	Nor.	Neptune Ship. Co.	Los Angeles, Cal.	Liverpool, Eng.	Fruit	2,160
Pluviose [1]	2	3	Fr.	Raffineries de Berre	Talara, Peru	Pt. de Boue, Fr.	Crude oil	13,445
S-47 [7]	3	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Bahrein [1]	3	3	Pan.	Standard Oil of Calif.	El Segundo, Cal.	Lands End [14]	Gasoline	8,704
Mobilgas [1] [2]	3	3	Amer.	Socony-Vac. Oil Co.	Los Angeles, Cal.	Providence, R. I.	Gasoline	15,009
Este	3	4	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	9,290
Nicolaou Virginia.	3	3	Greek.	General S. S. Corp.	Pt. Alberni, B.C.	London, England	General	8,870
Marchen Maersk [2]	3	4	Dan.	A. P. Moller	Manila, P. I.	Baltimore, Md.	General	7,410
Nicolaou Zografia.	3	3	Greek.	Seaboard Ship. Co.	Victoria, B. C.	London, England	Wheat, lum.	11,400
Santa Clara	3	4	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,091
Hoxbar [1]	3	3	Amer.	Shell Oil Co.	Los Angeles, Cal.	Baltimore, Md.	Fuel oil	10,128
Scottish Monarch	3	4	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Wheat, lum.	8,668
Unicoi [2]	3	4	Amer.	Roosevelt S. S. Co.	Adelaide, Aus'lia.	Montreal, Canada	General	3,010
J. L. Luckenbach	4	4	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,455
Hidlefjord [1] [2]	4	5	Nor.	Anglo-Saxon Pet. Co.	S. Francisco, Cal.	Curacao, N. W. I.	Gasoline	10,925
Virginian	4	4	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	7,293
Opawa [2]	4	4	Brit.	J. B. Westray & Co.	Wellington, N. Z.	London, England	Frozen, gen.	6,420
Clio [2]	4	6	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides	559
Forbes Hauptman	4	4	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,736
La Brea [1]	4	5	Amer.	Union Oil of Calif.	S. Francisco, Cal.	New York, N. Y.	Fuel oil	9,519
Durazzo	5	6	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	(21)	972
Ino [2]	5	...	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(22)	548
Karmt [2]	5	5	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Savannah, Ga.	Nitrate	8,900
Trois Iets	5	6	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	226
St. Mihiel [8]	5	6	Amer.	U. S. Army	S. Francisco, Cal.	New York, N. Y.	General	1,233
Porto Bello [2]	5	5	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(23)	8
Indra [2]	5	6	Nor.	Knutsen Line	Valparaiso, Chile.	Dublin, Ireland.	Barley	7,100
Simpson [9]	5	9	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	.....	.....
Borie [9]	5	9	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	.....	.....
Broome [9]	5	9	Amer.	U. S. Navy	San Diego, Calif	Norfolk, Va	.....	.....
Coloradan	2	6	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Baltimore, Md.	Lumber, gen.	7,521
Colombia [2]	5	7	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	(24)	765
Texmar	5	6	Amer.	Calmar Line	Seattle, Wash.	New York, N. Y.	Lum., pulp.	7,273
Hokuroku Maru [2]	6	7	Jap.	Osaka Shosen Kaisha	San Carlos, P. I.	Baltimore, Md.	(25)	6,847
W. R. Keever	6	6	Amer.	Dutton Lumber Corp.	Everett, Wash.	Providence, R. I.	Lumber	7,000
Oilpioneer [1] [2]	6	6	Brit.	Shell Oil Co.	Los Angeles, Cal.	Lands End, Eng.	Gas oil	8,365
Duba	6	6	J-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [14]	Nitrate	6,685
Pennsylvanian	6	6	Amer.	Amer.-Hawaiian Line.	Everett, Wash.	Boston, Mass.	General	4,496
Chulmleigh	6	7	Brit.	Seaboard Ship. Co.	Vancouver, B. C.	Hull, England	Wheat, lum.	9,660

[1] Tanker. [2] Motor ship. [4] Tug. [7] Submarine. [8] Transport. [9] Destroyer. [13] Dredge. [14] For orders. [15] Sugar, canned pineapples. [16] Wheat, fruit, lumber. [17] Grain, coffee, general. [18] Copper, lumber, pulp, general. [19] Lumber, wheat, general. [20] Wheat, fruit, general. [21] Coffee, tagua, general. [22] Coffee, nuts, general. [23] Plantains, lumber. [24] Coffee, empty bottles. [25] Sugar, silk, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
W. S. Miller [1]	6	7	Amer.	Standard Oil of Calif.	El Segundo, Calif.	Wilmington, N.C.	Gasoline	8,621
S-44 [7]	7	...	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Steel Mariner	6	7	Amer.	Isthmian S. S. Lines	Pt. Allen, T. H.	Baltimore, Md.	(13)	8,529
Elg [2]	7	7	Nor.	Canadian-Gulf Line	Powell Riv., B.C.	Houston, Tex.	(14)	4,912
Yearby	7	7	Brit.	Ropner Ship. Co.	Vancouver, B. C.	S'ampton, Eng.	(15)	9,510
Saarland	7	8	Ger.	Hamburg-Amer. Line	Corral, Chile	Hamburg, Ger.	General	7,810
Iddesleigh	7	7	Brit.	Seaboard Ship. Co.	N. Westm'er, B.C.	Hull, England	Grain, lum.	9,170
Panama	6	9	Amer.	Panama R.R.S.S. Co.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	.....
Nathan [2]	6	...	Pan.	E. J. Hooper	Tonosi, R. P.	Gatun Lake, C. Z.	Cows	7
Jersbek	7	9	Ger.	North German Lloyd.	Pto. Angel, Wash.	Hamburg, Ger.	(16)	1,160
Mussolini [2]	8	9	Pan.	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	99
Lancaster Castle	8	8	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Canada	Lumber	7,232
Treverbyn	8	8	Brit.	Hain S. S. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Wheat, lum.	7,487
Santa Maria [1]	7	10	Amer.	Union Oil of Calif.	S. Francisco, Cal.	Cristobal, C. Z.	Mineral oil	11,778
Osnabruck [2]	8	9	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	6,196
Point Lobos	6	8	Amer.	Swayne & Hoyt	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	5,799
Sambu [2]	8	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	39
Tuira [2]	8	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	66
Real [2]	8	9	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	39
W. H. Berg [1]	8	9	Amer.	Standard Oil of Calif.	Los Angeles, Cal.	New York, N. Y.	Gasoline	11,850
Ermland [2]	8	9	Ger.	Hamburg-Alsterdamm	Manila, P. I.	New Orleans, La.	(17)	8,380
Scebeli [2]	9	9	Nor.	Fred Olsen Line	Los Angeles, Cal.	London, England	Oranges	1,715
Nordlys	9	9	Dan.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrate	6,570
Embassage	9	9	Brit.	Hall Brothers	Dollarton, B. C.	London, England	Wheat, lum.	8,500
Tacoma	9	10	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,830
Besholt [2]	9	10	Nor.	De la Rama S. S. Co.	Hongkong, China	New York, N. Y.	(18)	8,295
Salvador	9	...	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	1,081
San Felipe	9	9	Amer.	Pacific-Atlantic Co.	Portland, Oreg.	Albany, N. Y.	(19)	7,437
Ensley City	9	10	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	(20)	6,360
Chios	9	10	Greek	Seaboard Ship. Co.	Pt. Alberni, B. C.	Hull, England	(21)	9,300
American	9	10	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	5,051
Pennmar	9	10	Amer.	Calmar Line	Tacoma, Wash.	New York, N. Y.	(22)	6,725
Santa Maria [2]	9	10	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	General	4,075
Sea Thrush	10	10	Amer.	Shepard S. S. Co.	Astoria, Oreg.	Albany, N. Y.	Lumber, gen.	7,204
Truxton [9]	...	10	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.	.....	.....

[1] Tanker. [2] Motor ship. [7] Submarine. [9] Destroyer. [13] Raw sugar, pineapples. [14] Newsprint, shingles. [15] Wheat, barley, lumber. [16] Coffee, cotton, general. [17] Copra, sugar, general. [18] Sugar, coconut oil, general. [19] Lumber, pulp, general. [20] Lumber, ore, general. [21] Lumber, wheat, barley. [22] Lumber, pulp, copper.

Comparison of Traffic at the Suez and Panama Canals for the 12 Months Ended March 31, 1938 and 1939

Month	Suez Canal: Number of transits 1937–38	Suez Canal: Number of transits 1938–39	Suez Canal: Percent Increase	Suez Canal: Percent Decrease	Panama Canal: Number of transits 1937–38	Panama Canal: Number of transits 1938–39	Panama Canal: Percent Increase	Panama Canal: Percent Decrease
April	621	516	.....	16.9	473	487	3.0	.....
May	567	479	.....	15.5	544	465	.....	14.5
June	540	469	.....	13.1	472	445	.....	5.7
July	551	509	.....	7.6	457	429	.....	6.1
August	531	522	.....	1.7	505	468	.....	7.3
September	522	508	.....	2.7	444	438	.....	0.9
October	557	540	.....	3.1	461	494	7.2	.....
November	526	495	.....	5.9	435	505	16.1	.....
December	541	503	.....	7.0	439	509	15.9	.....
January	544	472	.....	13.2	444	525	18.2	.....
February	508	496	.....	2.4	436	501	14.9	.....
March	578	536	.....	7.3	506	553	9.3	.....
Total	6,586	6,045	.....	8.2	5,616	5,819	3.6	.....

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $0.95 per barrel at Cristobal and Balboa; Diesel oil, $1.65 per barrel at Cristobal and Balboa.

Tolls Charges for Transit of the Panama Canal

(Effective March 1, 1938)

1. Complete transit (one way):
   (a) Merchant vessels, yachts, army and navy transports, colliers, hospital ships, and supply ships, when carrying passengers or cargo—
   Per net vessel-ton of 100 cubic feet each of actual earning capacity—that is, the net tonnage determined in accordance with the Rules for the Measurement of Vessels for the Panama Canal $0.90
   (b) Vessels in ballast without passengers or cargo—
   Per net vessel-ton ..... .72
   (c) Other floating craft, including warships, other than transports, colliers, hospital ships, and supply ships—
   Per ton of displacement ..... .50
2. Part transit:
   Vessels returning from Gatun Lake to original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
3. Free transit:
   Vessels transiting the Panama Canal by prearrangement from Cristobal to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices to individuals and companies, as of May 11, 1939:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.23
Brass, sheet, average	Lb.	.30
Bronze, Tobin, average	Lb.	.22
Gasoline, motor grade	Gal.	.10
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.18
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.31
Oil, engine, gas, light, in drums, No. 2135	Gal.	.28
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.30
Oil, kerosene, in drums	Gal.	.10
Oil, marine, engine	Gal.	.50
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.09
Paint, zinc oxide, in oil	Lb.	.12
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, medium	Lb.	.07
Grease, yellow, cup, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	11
Waste, cotton, white	Lb.	13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Facilities for Shipping

The Panama Canal is equipped with all the facilities for the fueling, supply, and repairs of ships which are found in modern ports.

The coaling plants, with an aggregate storage capacity of 700,000 tons, can bunker ships up to 1,500 tons an hour, practically as fast as it can be handled in ships' bunkers. Oil can be delivered as fast as the ships can take it, from ample stocks at both ends of the Canal. Crude fuel oil, Diesel oil, and gasoline are sold.

The ships' chandlery storehouses carry a wide variety of marine supplies and spare parts. The Panama Canal Commissary Division, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as ice, meats (including native beef), fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices. Orders may be placed in advance by radio for prompt delivery on arrival at either terminal, or for delivery at the other terminal after transiting the Canal.

A 1,000-foot drydock, a smaller drydock, floating cranes, foundry, and amply equipped shops, employing about 1,100 men, provide means of making practically any kind of marine repairs.

Ample space exists at either terminal of the Canal for the berthing of vessels, as well as large, covered piers for the storage of cargo. These are modern structures: fireproof, rat proof, in splendid condition, well lighted and maintained in a clean and orderly condition.

In general, the services to shipping at the Canal are such as have been developed and found ample and effective in the course of handling large traffic through the Canal during the years of operation.

Provisions Required by Ships

Commissary Division, Panama Railroad Company, with facilities at Balboa and Cristobal for delivery of supplies to steamships, carries a complete line of provisions, such as meats (including native beef), ice, fruits, vegetables, eggs, butter, canned goods, cigars, cigarettes and tobacco, which are for sale to ships at reasonable prices.

Orders may be placed in advance by radio for delivery on arrival, or at either terminal for prompt delivery, or for delivery at the other terminal after transit.

Location of Patients, and Visiting Hours at Gorgas Hospital

The following table shows the distribution of patients in the Gorgas Hospital buildings, and the visiting hours for the various wards and sections.

Section and Ward	Visiting Hours
Section "A:"	
Private and semiprivate rooms	Daily, 9:30–11 a. m.; 2–4:30 p. m.; 6:30–8 p. m.
Wards	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sunday and holidays, 9:30–11 a. m.; 2:00–4 p. m.
Section "B:"	
Wards 5, 6, and 7	Daily, 9:30–11:00 a. m.; 2:00–4:30 p. m.; 6:30–8:00 p. m.
Ward 8 (maternity ward)	Daily, 2:30–4:00 p. m.; 6:30–8:00 p. m. Visitors to this ward will be limited to the husband and to the immediate family, i. e., father or mother or, if no parents are at hand, to one woman friend who shall be designated by the patient. Visits to the maternity ward will be limited to ten minutes during the designated visiting periods.
Nursery	No visitors are permitted in the Nursery at any time.
Section "C:"	
Wards 9 (colored section), 11, 12, and 13	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Wards 9 (white section), 10, and 14	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m. Visitors to venereal cases in wards 13 and 14 will be limited to two members of patient's immediate family.
Section "D:"	
Wards 15 and 16	Tuesday, Thursday, and Saturday, 2:30–4:30 p. m.; 6:30–7:30 p. m. Sundays and holidays, 9:30–11 a. m.; 2:30–4:30 p. m.; 6:30–7:30 p. m.
Wards 17, 19, and 20	Wednesday, Friday, Sunday, and holidays, 1–2:30 p. m. Visitors from Atlantic side may remain until 3 p. m.
Ward 18	Daily. 9:30–11 a. m.; 2–4:30 p. m.
Isolation section	No visitors permitted except to adults to visit tuberculosis patients Thursday, Sunday, and holidays, 1:30–3 p. m.

Permission to visit outside of visiting hours may be granted upon application to the Superintendent's office.

Immediate relatives of seriously ill patients will be admitted at any time by and in the discretion of the attending physician, section nurse, and in her absence, the nurse in charge.

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Traffic Through the Panama Canal in May 1939

The total vessels of all kinds transiting the Panama Canal during the month of May 1939, and for the same month in the two preceding years, are shown in the following tabulation:

	May 1939			May	
	Atlantic to Pacific	Pacific to Atlantic	Total	1938	1937
Ocean-going commercial traffic	262	244	506	465	544
Small commercial vessels [1]	46	32	78	81	70
Noncommercial vessels:					
United States Government	29	14	43	42	44
Colombian Government	1	.....	1	.....	4
For repairs	2	1	3	7	2
Total	340	291	631	595	664

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the twelve month period ended May 31, 1939, as compared with the corresponding period ended May 31, 1938:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1938–9	1937–8	1938–9 [3]	1937–8 [4]	1938–9	1937–8	1938–9	1937–8
June	445	472	2,064,793	2,266,000	2,122,389	2,670,466	$1,801,291.78	$2,070,337.89
July	429	457	1,933,816	2,216,000	2,025,660	2,476,366	1,694,205.00	2,029,642.45
August	468	505	2,177,699	2,402,000	2,171,674	2,780,603	1,890,050.74	2,195,308.87
September	438	444	2,005,241	2,139,000	1,998,464	2,385,142	1,741,895.46	1,935,673.78
October	494	461	2,276,194	2,182,000	2,359,673	2,438,788	1,977,706.76	1,981,087.87
November	505	435	2,302,333	2,110,000	2,223,830	2,185,283	1,984,014.72	1,893,462.00
December	509	439	2,336,011	2,070,000	2,374,395	2,046,170	2,031,017.04	1,845,048.20
January	525	444	2,380,916	2,053,000	2,393,360	2,095,402	2,062,454.16	1,837,894.72
February	501	436	2,282,318	1,993,000	2,206,963	1,998,827	1,996,735.66	1,786,611.45
March	553	506	2,586,580	[3]2,311,526	2,664,068	2,268,548	2,252,156.28	2,015,585.34
April	496	487	2,278,326	[3]2,258,836	2,472,504	2,279,235	1,999,851.16	1,961,456.58
May	506	465	2,341,894	[3]2,150,228	2,538,949	2,309,171	2,053,502.16	1,886,825.66
Total	5,869	5,551	26,966,121	26,151,590	27,551,929	27,934,001	23,484,880.92	23,438,934.81

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement.
[3] Panama Canal net tonnage as figured under rules which became effective March 1, 1938.
[4] Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of May 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	[5]46	2,308	$1,915.20	975
Pacific to Atlantic	32	1,949	1,750.32	1,746
Total	78	4,257	3,665.52	2,721

[5] Includes 1 naval vessel of 180 tons displacement.

Traffic by Nationality of Vessels[6] for May 1939

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	[7] 117	615,311	$538,335.78	575,439
Chilean	3	12,045	10,840.50	10,020
Danish	17	64,904	58,093.56	77,886
French	7	38,685	34,816.50	39,711
German	35	145,551	127,825.20	147,521
Greek	8	39,776	35,798.40	65,726
Honduran	4	6,486	5,837.40	4,413
Italian	6	37,920	34,128.00	14,794
Japanese	19	107,991	97,191.90	146,220
Netherlands	26	66,130	58,686.66	61,863
Norwegian	59	273,238	230,586.48	287,321
Panamanian	17	24,966	20,625.66	20,771
Peruvian	1	2,259	2,033.10	1,875
Swedish	16	76,430	65,140.02	126,315
United States	[8] 164	801,487	709,256.70	921,019
Yugoslav	7	28,715	24,306.30	38,055
Total	506	2,341,894	2,053,502.16	2,538,949

[6] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement. [7] Includes 1 naval vessel of 9,300 displacement tons. [8] Includes 1 dredge of 1,296 displacement tons.

Traffic by Trade Routes for May 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	60	293,623	216,840	60	303,814	440,022
East coast United States and:						
Canada	1	4,685	4,583	3	11,388	18,136
Central America/Mexico	4	6,215	7,033	3	4,824	1,441
South America	18	75,860	14,959	25	105,005	252,490
Hawaiian Islands	3	14,518	11,851	5	24,358	42,265
Australasia	7	36,819	35,401	.....	.....	.....
Philippine Islands	8	44,532	45,548	10	54,816	78,188
Far East	31	151,595	237,150	2	11,360	15,889
Canada intercoastal	1	5,471	7,142	3	15,197	22,087
East coast Canada and:						
South America	1	1,804	2,240	.....	.....	.....
Australasia	2	10,653	8,577	4	20,336	18,704
Philippine Islands	.....	.....	.....	1	5,892	9,796
Far East	1	6,042	8,303	.....	.....	.....
Central America/Mexico intercoastal	1	1,400	1,700	1	6,264	.....
East coast Central America and South America	1	2,020	3,670	.....	.....	.....
South America intercoastal	5	9,032	7,397	1	452	.....
East coast South America and:						
Canada	2	8,583	10,144	1	4,573	4,301
Philippine Islands	.....	.....	.....	1	5,409	7,583
Far East	2	10,257	11,420	.....	.....	.....
Cristobal and:						
United States	1	5,973	.....	1	5,973	11,778
Central America/Mexico	5	3,314	3,756	4	2,692	4,082
South America	16	10,167	6,040	16	10,474	10,863
West Indies and:						
United States	2	9,257	.....	3	19,084	39,143
Canada	1	4,807	.....	1	2,965	6,111
Central America/Mexico	1	6,268	13,218	.....	.....	.....
South America	2	9,873	19,751	.....	.....	.....
Australasia	1	4,090	7,425	.....	.....	.....
Europe and:						
United States	12	61,229	7,445	16	54,901	72,732
Canada	33	170,737	38,853	38	205,281	326,991
Central America/Mexico	1	3,012	3,567	2	5,390	3,244
South America	22	128,280	43,242	29	157,907	247,132
Balboa	1	5,153	.....	.....	.....	.....
Australasia	11	79,090	44,146	11	82,949	68,809
Far East	1	6,021	6,070	.....	.....	.....
Egypt and South America	1	4,204	.....	.....	.....	.....
Around the world	1	7,409	4,757	2	18,067	4,934
Vessels not engaged in commerce	[9] 2	530	.....	[10] 1	.....	.....
Total	262	1,202,523	832,228	244	1,139,371	1,706,721

[9] One naval vessel and 1 yacht. [10] Dredge.

Origin and Destination of Cargo by Major Areas, May 1939

The following table summarizes the origin of cargo passing through the Canal in May 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	224,001	18,752	290,075	15,666	32,747	581,241
Other North America	4,346	27,599	3,064	37,027	18,656	90,692
Europe	32,296	17,019	2,670	35,821	43,672	131,478
Miscellaneous	9,642	175	11,761	6,915	324	28,817
Total	270,285	63,545	307,570	95,429	95,399	832,228

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	441,182	57,220	159,297	6,189	663,888
Canada	13,312	27,386	237,936	2,323	280,957
Other North America	43,274	4,614	4,484	.....	52,372
South America	249,744	15,105	245,600	36	510,485
Australasia	8,149	12,788	66,576	.....	87,513
Asia	106,065	5,124	.....	317	111,506
Total	861,726	122,237	713,893	8,865	1,706,721

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during May 1939 or May 1938 are listed below:

Commodity	May		Commodity	May	
	1939	1938		1939	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Automobiles and parts	23,781	17,516	Canned food products	91,653	55,740
Canned food products	10,234	8,337	Coffee	19,350	17,284
Cement	16,875	9,395	Cold storage (food products)[12]	25,628	34,734
Chemicals [11]	16,179	10,385	Copra	16,491	15,512
Coal and coke	12,008	2,298	Flour	13,031	11,975
Cotton, raw	18,331	5,448	Fruit, dried	23,766	16,569
Iron and steel	142,851	131,374	Fruit, fresh [13]	41,031	37,914
Machinery	15,631	11,516	Lumber	318,999	219,831
Manufactured goods [11]	20,276	8,825	Metals, various	58,053	49,205
Metals, various	32,830	41,468	Molasses and syrups	.....	13,840
Oils, mineral	84,598	71,656	Nitrates	152,956	153,183
Paper	23,366	24,029	Oats	13,400	6,855
Phosphates	35,780	32,922	Oils, mineral	289,781	237,230
Scrap metal	124,667	236,718	Oils, vegetable	12,526	11,926
Sulphur	13,049	7,588	Ores	166,729	188,784
Tinplate	23,399	20,323	Paper	14,575	5,892
Wood pulp	3,123	10,674	Phosphates	14	15,300
			Sugar	124,551	156,855
Pacific to Atlantic			Wheat	136,700	59,795
Asphalt and tar	11,549	11,209	Wood pulp	25,455	21,363
Barley	18,012	14,084	Wool	19,411	18,086
Beans, edible, dry	9,893	12,243	.....	.....	.....

[11] Except as otherwise classified. [12] Except fresh fruit. [13] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of May 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items

are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	159	235
Agricultural implements	1,048	12	3,362	165
Alfalfa meal	.....	332	.....	462
Ammonium compounds	23	.....	5,340	2,174
Animal foods [14]	62	285	62	285
Apparel, wearing (hats, shoes, clothing, etc.)	7	.....	7	3
Asbestos	629	31	5,291	36
Asphalt and tar	256	11,180	7,301	11,549
Automobiles (and autotrucks)	3,064	25	15,399	39
Automobile parts and accessories	648	64	8,382	64
Bags and bagging, textile	259	.....	454	.....
Bamboo and products	.....	.....	.....	97
Bananas	.....	.....	.....	2,706
Barks, miscellaneous	.....	41	.....	447
Barley	.....	26	17	18,012
Beans, edible, dry	.....	3,777	286	9,893
Beer	23	.....	411	.....
Beverages, nonalcoholic	12	.....	12	.....
Blood and tankage	.....	.....	85	1,146
Bones and bone meal	.....	.....	1,055	.....
Books and printed matter	38	96	39	96
Borax	55	500	72	7,076
Bran and pollards	.....	.....	.....	674
Bricks and tile	205	.....	608	391
Canned and preserved goods:				
Fish	168	13,074	844	21,037
Fruit	1,273	25,759	1,616	50,013
Meat	39	79	1,202	716
Milk	.....	100	592	180
Soup	1,532	645	1,644	645
Vegetables	1,202	8,747	1,365	8,880
Miscellaneous and unclassified	2,331	6,683	2,971	10,182
Carbon black	77	.....	733	.....
Celite	.....	1,046	.....	1,046
Cement	628	.....	16,875	10
Chalk	.....	.....	176	.....
Charcoal	66	.....	66	.....
Chemicals [14]	4,059	610	16,179	1,118
Clay, china and fire	1,629	233	3,899	354
Clay, filtering	.....	.....	11	.....
Coal	.....	.....	300	41
Cocoa and cacao beans	522	.....	961	4,556
Coconuts and products [14]	86	883	94	1,371
Coffee	316	112	5,178	19,350
Coke	250	.....	11,708	20
Cold storage and refrigerated products:				
Dairy products	.....	40	163	9,361
Fish	18	.....	35	1,166
Lard	32	.....	340	8
Meats	88	.....	378	14,816
Poultry	.....	.....	.....	1
Vegetables	.....	61	20	276
Confectionery	710	.....	756	.....
Copra	.....	.....	.....	16,491
Corn	.....	.....	315	.....
Cotton, raw	61	630	18,331	5,084
Creosote	10	.....	74	.....
Drugs and medicines	2,011	233	2,471	262
Dyes	6	.....	6	.....
Earthenware	73	3	265	369
Electrical apparatus and appliances	1,755	301	3,428	351
Enamelware and metalware	607	71	1,414	135
Explosives	288	43	955	43
Extract, quebracho	15	.....	856	.....
Fertilizers [14]	341	128	2,508	806
Fish meal	.....	.....	.....	813
Floor coverings	1,898	2,176	2,216	2,467
Flour	295	7,659	1,541	13,031
Fruit, dried	.....	7,120	32	23,766
Fruit, fresh [14]	.....	3,087	2	41,031
Furniture and household goods	226	45	1,223	51
General	14,304	8,756	45,647	17,362
Glass and glassware	2,403	152	5,363	916
Glue	10	17	10	17

[14] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Grains [14]	.....	.....	25	.....
Groceries	1,247	224	1,593	802
Gums	5	72	13	246
Hair, all kinds	20	31	23	132
Hay	.....	56	.....	66
Hemp, unmanufactured	36	.....	172	1,682
Honey	.....	80	.....	223
Horns and hoofs	.....	.....	61	41
Infusorial earth	18	1,004	18	1,665
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	87,405	107	142,851	257
Ivory nuts	.....	12	401	1,380
Jute, unmanufactured	35	48	93	48
Lard substitute	668	.....	687	62
Lime	.....	.....	169	.....
Liquors	5,532	94	7,109	136
Lumber (including manufactured mill products)	1,782	136,120	5,866	318,999
Machinery	4,337	512	15,631	709
Malt	.....	.....	724	8
Manufactured goods [14]	11,427	1,011	20,276	2,027
Marble and granite	40	.....	335	.....
Matches	215	104	317	104
Metals:				
Copper	1,170	6,140	4,448	31,983
Gold and silver	525	.....	525	210
Iron	1,787	.....	12,234	.....
Lead	84	1,285	6,297	15,155
Tin	15	157	1,817	1,312
Zinc	101	.....	2,400	7,680
Other and unclassified	245	51	5,109	1,713
Milk, powdered	3	287	3	393
Molasses and syrups	484	.....	514	.....
Nitrate	2,630	.....	5,288	152,956
Nuts, edible (including meats)	.....	251	209	309
Oats	44	90	52	13,400
Oils, mineral:				
Crude	49	28,890	3,704	117,478
Gas and fuel	97	35,242	36,854	57,317
Gasoline, benzine, and naphtha	.....	53,304	10,512	96,405
Kerosene	.....	.....	886	17,111
Lubricating and greases	7,578	702	32,642	1,470
Oils, vegetable:				
Coconut	.....	752	598	7,635
Cottonseed	461	.....	461	.....
Linseed	90	.....	126	.....
Olive	40	.....	327	.....
Rapeseed	.....	44	.....	702
Teaseed oil	.....	.....	.....	240
Wood	.....	.....	34	1,251
Other and unclassified	62	74	355	2,698
Oil, fish	165	1,272	325	1,870
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	23	15	3,364	1,920
Oilseed cake and meal	1,397	.....	1,397	2,917
Ores:				
Antimony	.....	.....	.....	265
Chrome	179	.....	179	3,000
Copper	18	1,891	2,020	5,099
Gold and silver	.....	.....	.....	495
Iron	285	.....	4,203	146,600
Lead	.....	118	.....	2,174
Magnesite	.....	39	5	39
Manganese	.....	933	176	1,943
Tin	.....	60	86	2,982
Zinc	47	.....	72	204
Other and unclassified	20	455	339	3,928
Paints and varnishes	1,674	131	4,006	153
Paper and paper products [14]	10,556	9,575	23,366	14,575
Peanuts	661	.....	661	.....
Peas, dry	.....	153	13	234
Peatmoss	.....	.....	1,302	.....
Phosphates	753	.....	35,780	14
Plaster	.....	.....	64	.....
Porcelainware	460	58	1,181	2,557
Potash	.....	.....	1,053	652
Pyrethrum flowers	.....	.....	.....	47
Rags and waste	419	83	3,218	211
Railroad material	214	.....	6,249	.....
Rice	544	453	1,101	2,804
Rope and twine	336	.....	731	20
Rosin	1,825	.....	4,761	3

[14] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Rubber:				
Manufactured	712	384	1,078	507
Raw	.....	.....	779	2,312
Scrap	.....	30	2,420	111
Salt	250	957	6,421	957
Sand	27	.....	1,089	40
Scrap metal	148	372	124,667	2,415
Seeds (except oilseeds)	35	86	233	965
Shells, oyster	730	1	750	270
Silk, raw	.....	184	39	1,667
Skins and hides	19	1,363	49	5,634
Slate	2,584	.....	2,584	.....
Soaps and products	2,304	103	2,499	201
Soda and sodium compounds:				
Soda ash	261	.....	611	266
Soda, caustic	342	.....	1,389	100
Miscellaneous and unclassified	379	260	950	271
Soy beans	47	.....	47	.....
Spices	188	.....	220	49
Sugar	15	20,149	8,176	124,551
Sulphur	7,500	103	13,049	110
Talc	118	35	118	50
Tallow	304	239	307	3,557
Tea	122	71	227	219
Textiles [15]	4,991	70	9,599	1,809
Tinplate	8,147	.....	23,399	169
Tobacco and manufactures	508	90	3,392	218
Toilet preparations	54	.....	54	.....
Turpentine	36	.....	105	.....
Vegetables, dry [14]	.....	.....	61	1,076
Wall board	211	474	525	1,086
Wax, paraffin	234	.....	1,609	589
Wheat	18	142	774	136,700
Wines	30	995	1,277	1,553
Wood pulp	221	21,971	3,123	25,455
Wool	.....	6,261	62	19,411
Total, May 1939	224,001	441,182	832,228	1,706,721
Total, May 1938	164,575	282,511	823,490	1,485,681
Total, May 1937	307,813	452,292	1,325,674	1,625,251

[14] Except as otherwise classified. [15] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of May 1939:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	8	37,533	457	12	67,430	[16] 128,616
Central America/Mexico intercoastal	.....	.....	.....	1	6,264	.....
East coast Central America/Mexico and South America	1	2,020	3,670	.....	.....	.....
South America intercoastal	1	4,359	2,750	.....	.....	.....
Cristobal and United States	1	5,973	.....	1	5,973	11,778
West Indies and:						
United States	1	5,944	.....	3	19,084	39,143
Central America/Mexico	1	6,268	13,218	.....	.....	.....
South America	2	9,873	19,751	.....	.....	.....
Europe and:						
United States	2	14,468	.....	2	9,191	17,069
South America	5	35,095	.....	8	50,453	102,851
Balboa	1	5,153	.....	.....	.....	.....
Total	23	126,686	39,846	27	158,395	299,457

[16] Includes 11,180 tons of asphalt.

Comparison of Canal Traffic in May 1939, with May Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of May			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[17] 137	439	584	1915	[18] 100	334	466
1916	123	356	480	1916	60	184	258
1917	140	433	596	1917	145	447	588
1918	193	609	758	1918	165	506	627
1919	166	524	642	1919	162	472	576
1920	219	788	975	1920	199	659	781
1921	206	799	793	1921	232	879	966
1922	236	955	1,158	1922	222	880	907
1923	415	1,968	2,265	1923	325	1,434	1,631
1924	410	1,929	2,354	1924	429	2,016	2,249
1925	366	1,708	1,823	1925	382	1,761	1,996
1926	456	2,074	2,416	1926	424	1,909	2,169
1927	447	2,078	2,378	1927	441	2,020	2,311
1928	498	2,103	2,496	1928	521	2,269	2,468
1929	515	2,309	2,536	1929	524	2,299	2,554
1930	470	2,237	2,261	1930	502	2,310	2,502
1931	411	2,019	1,924	1931	447	2,140	2,089
1932	345	1,809	1,676	1932	364	1,820	1,650
1933	342	1,741	1,628	1933	347	1,758	1,513
1934	459	2,374	2,302	1934	436	2,201	2,059
1935	424	2,189	2,292	1935	432	2,143	2,109
1936	488	2,316	2,420	1936	449	2,160	2,209
1937	544	2,626	2,951	1937	467	2,224	2,507
1938	465	2,150	2,309	1938	460	2,163	2,297
1939	506	2,342	2,539	1939 (11 months)	493	2,264	2,312

[17] Canal opened August 15, 1914. [18] Average for 10½ months.

Terminal Activities

Ships repaired during the month of May 1939, numbered 69. Vessels released from drydock numbered 14. Fuel oil amounting to 285,056 barrels was delivered as bunkers to 152 commercial vessels. Bunker coal amounting to 8,764 tons was delivered to 29 commercial vessels. Sales of commissary supplies to ships aggregated $49,809.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	26,333	12,852	39,185
Local cargo shipped ... tons	3,090	838	3,928
Cargo received for transshipment ... tons	56,089	477	56,566
Cargo transshipped ... tons	56,859	1,434	58,293
"Canal Zone for Orders" cargo:			
Number of receipts issued	7	1	8
Number of releases issued	44	21	65
Tons received	38	.....	38
Tons withdrawn	36	11	47

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	605	3,603,366	2,201,225	563	3,226,399	1,985,935
Vessels entering port but not transiting Canal	65	385,952	209,371	7	36,433	23,245
Vessels transiting Canal and handling passengers and cargo at terminal ports	167	1,003,974	607,288	111	702,414	413,332
Ships clearing						
All vessels, including those transiting Canal	604	3,555,271	2,159,441	634	3,747,280	2,507,312
Vessels clearing port but not transiting Canal	63	373,094	202,384	12	38,799	24,550
Vessels transiting Canal and handling passengers and cargo at terminal ports	169	987,013	587,351	107	690,596	406,320

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight May 10, 1939, to midnight June 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Loreto, 35, 4
Chiriqui, 174, 1,264
Quito, 1,328, 1,280
Nero, 363, 349
Ancon, 3,885, 866
Benjamin Franklin, 12, 68
Canada, 0, 7
Orotava, 343, 459
Lochmonar, 108, 149
Sixaola, 407, 82
Colombia, 803, 193
American Press, 810, 1,201
Douro, 598, 100
Balboa, 63, 140
Maui, 210, 0
Ino, 0, 365
Falcon, 0, 253
Nuevo Panama, 0, 171
Magician, 321, 0
Trois Ilets, 86, 30
Simon Bolivar, 0, 1,038
Cuba, 153, 6
Nordvest, 399, 0
Jamaica, 12, 43
West Ivis, 0, 265
Kiyosumi Maru, 457, 0
Santa Rosa, 102, 231
Wisconsin, 113, 130
Santa Inez, 310, 177
Salvador, 0, 423
Santa Rita, 198, 10
City of Los Angeles, 340, 0
San Bernardino, 240, 0
Western Sword, 0, 7,840
San Mateo, 0, 426
Contessa, 332, 534
Vancouver, 231, 292
Cuba, 0, 611
Santa Clara, 255, 50
R. L. Hustler, 1½, 0
Patria, 16, 383
Frankfurt, 0, 322
Yamazato Maru, 453, 0
Dinteldijk, 203, 69
Platano, 1,187, 0
Pasajero, 0, 4
Colombia, 970, 33
Pereira, 1,180, 877
Cristobal, 1,808, 866
La Paz, 5, 328
Duesseldorf, 41, 670
Rnfina, 3,806, 0
Talamanca, 216, 1,438
Durazzo, 0, 438
Reina del Pacifico, 53, 9
Clio, 596, 26
Leme, 167, 641
Cerigo, 997, 39
Sesostris, 87, 620
Rhakotis, 13, 370
Mao, 0, 7,840
Ulua, 675, 72
Cadmus, 0, 310
Ammon, 20, 0
Portland, 95, 310
Nagara Maru, 410, 329
Bodegraven, 149, 526
Ino, 554, 342
Baarn, 167, 616
Sambu, 0, 31
Francis R. Hart, 10,453, 0
Santa Paula, 156, 433
Veragua, 45, 9
Europa, 10, 210
Drechtdijk, 282, 0
City of San Francisco, 342, 0
San Francisco, 173, 121
Trois Ilets, 237, 0
Acajutla, 947, 949
Monserrate, 39, 452
Cefalu, 688, 530
Panama, 4,871, 1,160
Virgilio, 0, 238
Musa, 911, 0
San Angelo, 1,017, 14
Santa Maria, 275, 101
Santa Lucia, 535, 68
Quirigua, 197, 1,950
Orotava, 1,082, 685
Tai Ping Yang, 886, 0
Nero, 409, 135
Colombia, 768, 471
Real, 17, 0
City of Dalhart, 234, 0
Samuel Bakke, 292, 416
Telde, 342, 288
Santa Marta, 215, 151
Bogota, 1,200, 905
Clio, 205, 119
Kongo Maru, 295, 0
Nuevo Panama, 0, 233
Lauritz Swenson, 24, 654
Douro, 331, 0
Socrates, 41, 1,577
Rufina, 4,186, 0
Margaret Lykes, 1,014, 601
Istmo, 0, 4
Lochaven, 106, 126
Rialto, 144, 0
Modjokerto, 573, 0
San Anselmo, 195, 4
Chiriqui, 10, 17
Caribia, 94, 60
Santa Elena, 99, 288
Kaipara, 40, 0
De La Salle, 129, 156
Margaret Johnson, 246, 33
Ward, 91, 0
Imperial, 73, 0
Phoenicia, 8, 699
Orazio, 125, 1
Contessa, 480, 483
City of Norfolk, 121, 0
Ordnna, 65, 416
Leipzig, 80, 836
Santa Barbara, 472, ¼
Hardanger, 42, 232½
Platano, 2,324, 763
Hibueras, 1,525, 0
Dramatist, 221, 0
Breda, 212, 1,229½
Damsterdijk, 263, 119
Deroche, 3,224, 0
Jamaica, 561, 690
Colombia, 789, 238
Ino, 319, 33
Ancon, 2,175, 924
John Cabot, 1,051, 1,334
Douro, 0, 69
Knute Nelson, 8½, 155
Cerigo, 89, 275
San Pedro, 265, 124
Norden, 581½, 10
Toloa, 674, 634
Quito, 1,367, 0
Pasajero, 0, 10
Clio, 308, 0
Colombia, 36, 29
West Ira, 126, 413
San Clemente, 209, 8
Nuevo Panama, 0, 97
Taketoyo Maru, 146, 131
Nozima Maru, 467, 109
Annie Johnson, 149, 211
Santa Rita, 429, 92
Alabama, 861, 16
Trois Ilets, 330, 72
Mayari, 0, 184
Santa Rosa, 61, 943
Talamanca, 105, 53½
Santa Inez, 401, 6
Anna Maersk, 268, 94
Oakland, 533, 1,033
Caribia, 6, 677
Weser, 154, 456
Cefalu, 716, 682
Loriga, 3, 246
City of Baltimore, 680, 0
Salvador, 611, 271
Cadmus, 0, 1,198
Musa, 1,138, 231
Santa Lucia, 302, 12
Francis R. Hart, 6,465, 0
Morviken, 447, 65
Colombia, 778, 382
Veragua, 322, 580
Losada, 265, 0
Orotava, 441, 105
Telde, 420, 658
Hokkai Maru, 441, 441
Nero, 401, 344
Douro, 381, 253
Cristobal, 2,600, 894
Sixaola, 261, 226
Roda, 54, 643
Barneveld, 410, 764
Durazzo, 1,256, 916
Amerika, 0, 18
San Diego, 123, 282
Ionia, 94, 757
Colombia, 15, 1,354
Sona, 0, 18

BALBOA

Hunter Liggett, 177, 106
Maui, 101, 0
Benjamin Franklin, 468, 0
West Iris, 2,098, 1
City of Baltimore, 0, 2
Chateau Thierry, 3,532, 337
Castor, 5,669, 0
Salvador, 0, 2
Rancagua, 0, 26
Choco, 8, 45
City of Los Angeles, 109, 1
Santa Inez, 117, 0
Ludington, 431, 0
Vancouver, 144, 100
Esso Panama, 2,204, 0
Santa Clara, 192, 1
Acajutla, 3, 0
Pereira, 0, 1
Point Brava, 0, 76
Rangitane, 99, 0
San Francisco, 937, 0
Tai Ping Yang, 199, 0
Santa Maria, 162, 1
Santa Lucia, 112, 0
Montreal Maru, 559, 0
City of Dalhart, 117, 0
Samuel Bakke, 548, 77
La Placentia, 11,293, 0
Sirius, 12, 0
Hans Arp, 77, 202
Richmond, 7,200, 0
City of Norfolk, 226, 0
Deroche, 3,998, 0
Acajutla, 0, 2
Margaret Johnson, 199, 0
Santa Barbara, 8, 2
Breda, 244, 0
Buenos Aires, 258, 0
Colombia, 0, 25
City of Los Angeles, 0, 1
Anna Maersk, 333, 0
Santa Rita, 112, 2
Santa Inez, 1, 1
San Rafael, 1, 0
Northwestern, 100, 0
Salvador, 1, 0
Munchen, 113, 0
Donau, 0, 135
John Cabot, 0, 21
Santa Lucia, 330, 3
Republic, 30, 26
West Cactus, 2,688, 0
Rakuyo Maru, 16, 0
Sandham, 1, 0
Sylvan Arrow, 12,875, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

During May 1939, ocean-ship passengers debarking at Cristobal numbered 2,175, embarking 2,623; at Balboa, 401 debarking, 430 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 3,149; from the Pacific to the Atlantic 3,986. Commercial aircraft numbering 57 entered Cristobal with 236 passengers debarking; clearances were 57 with 231 passengers embarking. Balboa entries of aircraft numbered 52, with 111 passengers debarking; clearances were 52 with 117 passengers embarking.

Current Net Prices on Fuel Oil and Diesel Oil

Bunker fuel oil is delivered to vessels at either Cristobal or Balboa, from the tanks of the Panama Canal. Prices will be furnished on application.

Bunker fuel oil and Diesel oil are also sold by private companies with tanks at the Canal terminals, at prices which will be quoted by them on application. The prices at present are as follows: Fuel oil, $1 per barrel at Cristobal and Balboa; Diesel oil, $1.65 per barrel at Cristobal and Balboa.

Movements of Ocean Vessels Through the Panama Canal

From midnight May 10, 1939, to midnight June 10, 1939

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
San Vincente	9	11	Amer.	Quaker Line	New York, N. Y.	Portland, Oreg.	General	4,207
Maravi	10	11	Pan.	United Fruit Co.	Charleston, S. C.	Puntarenas, C. R.	R. R. mat'l.	2,881
Sheaf Holme [2]	10	11	Brit.	J. J. Moore & Co.	Hull, England	Vancouver, B. C.	Ballast	
Amagisan Maru [2]	11	11	Jap.	Mitsui Bussan Kaisha	Baltimore, Md.	Yokohama, Japan	General	7,602
Point Chico	11	11	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	5,360
Charles Christenson.	11	11	Amer.	Arrow Line	Baltimore, Md.	Tacoma, Wash.	General	3,860
Siljestad [2]	10	11	Nor.	Fern Line	Jacksonville, Fla.	Yawata, Japan	Scrap steel	7,221
West Notus	11	11	Amer.	McCormick S. S. Co.	Albany, N. Y.	Seattle, Wash.	Gen., steel	6,604
Telde	10	11	Hond.	United Fruit Co.	New Orleans, La.	Pto. Arm'les, R. P.	General	1,610
Rimutaka	11	12	Brit.	N. Z. Shipping Co.	London, England	Wellington, N. Z.	General	5,112
Baron Yarborough	11	12	Brit.	Peru Guano Co.	Rotterdam, Neth.	Callao, Peru	Ballast	
Titan	12	12	Brit.	Ocean S. S. Corp.	Liverpool, Eng.	Seattle, Wash.	Ballast	
Harry Luckenbach.	12	12	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	3,440
Benj. Franklin [2]	12	12	Nor.	Fred Olsen & Co.	Brevik, Norway	Vancouver, B. C.	General	2,945
Lochmonar [2]	12	13	Brit.	Royal Mail Lines	Rotterdam, Neth.	Portland, Oreg.	General	4,140
Flomar	13	13	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	7,096
Sage Brush	13	13	Amer.	Shepard S. S. Co.	Boston, Mass.	Seattle, Wash.	General	4,250
Ino [2]	5	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	331
Panaman	13	13	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,700
Sessa	12	13	Dan.	West Coast Line	Baltimore, Md.	Talcahuano, Chile	General	2,240
Kinross [2]	13	13	Brit.	Anglo-Can. S. S. Co.	Antwerp, Belg.	Vancouver, B. C.	General	3,122
Nero [2]	11	13	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	317
Colombia [2]	12	13	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	642
Quito [2]	11	13	Ger.	North German Lloyd.	Cristobal, C. Z.	Calloa, Peru	General	661
Falcon	13	14	Amer.	Grace Line	Chester, Pa.	Valparaiso, Chile.	(13)	587
Temple Pier	13	14	Brit.	Port Line	Newp't News, Va.	Auckland, N. Z.	General	2,670
Gemstone	13	14	Brit.	Canadian Transp. Co.	Hull, England	Vancouver, B. C.	Ballast	
El Grillo [1]	13	14	Brit.	C. T. Bowring & Co.	Tyne, England	Balboa, C. Z.	Ballast	
Australind [2]	13	14	Brit.	Norton, Lilly & Co.	Philadelphia, Pa.	Brisbane, Aust.	General	4,466
Texas Sun [2]	13	14	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	
Moveria [2]	13	14	Brit.	Donaldson Line	Glasgow, Scot.	Vancouver, B. C.	General	1,211
Leticia [3]	14	14	Pan.	A. Tagaropulos	Cristobal, C. Z.	Talara, Peru	Ballast	
City of Baltimore	14	14	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	3,154
Coldbrook	14	14	Amer.	U. S. Maritime Com.	Norfolk, Va.	Seattle, Wash.	Ballast	
Zvir	14	14	Y-Slav	Seaboard Ship. Co.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Nuevo Panama [2]	13	14	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	203
Sambu [2]	13		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Frank [3]	14		Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]		20
Caledonian Monarch.	14	15	Brit.	Bank Line	Hucha, Spain	Kamaishi, Japan.	Scrap iron	8,128
Lucia II [6]	13	19	Amer.	Jose de La Vega	Boston, Mass.	Acapulco, Mexico	Ballast	
Birmingham City.	14	15	Amer.	Isthmian S. S. Lines.	Portland, Me.	Tacoma, Wash.	Steel, gen.	4,583
Neches [1]	12	15	Amer.	U. S. Navy	Houston, Tex.	San Diego, Calif.	Ballast	
Heffron	14	15	Amer.	Weyerhaeuser S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,940
Vancouver City [2]	15	15	Brit.	Reardon-Smith Line.	Tampa, Fla.	Kobe, Japan	Phos., coke.	8,500
Yamagiri Maru [2]	15	15	Jap.	Yamashita Kisen K.	Buenos Aires, Arg.	Kobe, Japan	Gen., cotton.	5,849
Saint Gobain [1] [2]	14	15	Swed.	Cie. Des Prod. Chim.	Pt. de Berre, Fr.	Talara, Peru	Ballast	
Herman F. Whiton	15	15	Amer.	Texas Gulf Sulphur	Galveston, Tex.	Bellingham, Wash.	Sulphur	7,500
Chateau Thierry [8]	12		Amer.	U. S. Army	Brooklyn, N. Y.	Balboa, C. Z.	General	38
Kirriemoor [2]	15	15	Brit.	Canadian Transp. Co.	Falmouth, Eng.	S. Francisco, Cal.	Ballast	
Liberty Glo	15	15	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	3,025
Trois Ilets	13	15	Fr.	French Line	Cristobal, C. Z.	Esmeraldas, Ecua.	General	30
Jacob Luckenbach	15	15	Amer.	Luckenbach Line	Houston, Tex.	Seattle, Wash.	General	3,505
Castor [1] [2]	15	16	Swed.	Standard Oil Co.	Aruba, N. W. I.	Corinto, Nic.	Fuel oil	7,548
Tosca [2]	15	16	Nor.	Chile Nit. Sales Corp.	Pasajes, Spain	Iquique, Chile	Ballast	
Porto Bello [3]	15	15	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Salvador	9	16	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	425
Mussolini [2]	15		Pan.	D. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pacific Grove [2]	16	16	Brit.	Furness, Withy & Co.	Manchester, Eng.	Portland, Oreg.	General	956
Rancagua [1]	16	22	Chile.	Chilean Government	Vera Cruz, Mexico	Valparaiso, Chile	(15)	3,670
Wisconsin	16	16	Fr.	French Line	Havre, France	Vancouver, B. C.	General	5,339
Santa Inez [2]	16	17	Amer.	Grace Line	New York, N. Y.	Callao, Peru	General	2,200
Ludington [8]	13	17	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	5,802
Ethie [6]	14		Brit.	A. E. N. Kirifly	Chichester, Eng.	West coast, U. S.	Ballast	
Vancouver	16	18	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Portland, Oreg.	General	4,651
San Bernardino	16	17	Amer.	States S. S. Co.	New York, N. Y.	Portland, Oreg.	General	4,030
Husvik [2]	16	17	Brit.	J. S. Webster & Sons.	New Orleans, La.	Vancouver, B. C.	(16)	1,180
Steel Age	17	17	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Honolulu, T. H.	General	5,865
Suva	17	17	Brit.	W. R. Carpenter & Co.	London, England	Rabaul	General	3,560
Dalcairn	17	17	Brit.	Campbell Brothers	Barry, England	Makatea Island	Ballast	
Amsterdam	17	17	Ital.	Fratelli Rizzuto	Genoa, Italy	Callao, Peru	(17)	216
Steelore	17	17	Amer.	Ore S. S. Corp	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [6] Yacht. [8] Transport. [13] General, automobile parts. [14] For bananas and return to Cristobal. [15] Fuel and Diesel oil. [16] Lumber, petroleum products. [17] Airplane, munitions.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Nevadan	17	17	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	3,588
Kastor	17	17	Greek	J. Meyer & Co.	Newcastle, Eng.	Los Angeles, Cal.	Coke	4,500
Slemmestad [2]	17	17	Nor.	Fern Line	New Orleans, La.	Osaka, Japan	Scrap iron	7,192
F. J. Luckenbach	17	18	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	4,883
Santa Clara	17	18	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	3,748
Erie [13]	18		Amer.	U. S. Navy	New York, N. Y.	Balboa, C. Z.	Ballast	
Acacia [14]	3	18	Amer.	Lighthouse Service	San Juan, P. R.	Cape Mala, R. P.	Ballast	
Firmore	17	18	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	
Illinoian	18	18	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	Gen., steel	3,342
Queen Adelaide [2]	18	18	Brit.	Mitsubishi Shoji K.	Baltimore, Md.	Yokohama, Japan	(18)	8,587
Coryton	18	18	Brit.	Jas. Herbert Cory	Cardiff, Wales	Vancouver, B. C.	Ballast	
Colorado [15]	18	22	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	
La Paz [2]	18	19	Brit.	Pacific Steam Nav. Co	Hull, England	Coronel, Chile	(19)	3,847
Santos Maru [2]	19	19	Jap.	Osaka Shosen Kaisha.	Montevideo, Uru.	Kobe, Japan	Gen., cotton	5,571
Eldonpark	18	19	Brit.	J. H. Denholm	Texas City, Tex.	Yokohama, Japan	Scrap iron	7,130
Dusseldorf [2]	18	19	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	3,378
Paul Luckenbach	19	19	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	3,674
Trondanger [2]	19	19	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	
Steel Engineer	19	20	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Saigon, China	General	8,105
Newton Ash	19	19	Brit.	Seaboard Ship. Co.	Cardiff, Wales	W. coast of N. A.	Ballast	
Tregenna	19	19	Brit.	C. Czarnikow	Barry, England	Auckland, N. Z.	Sugar	7,425
Naruto Maru [2]	19	19	Jap.	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	General	8,077
Col. Riche [5]	10	20	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Durazzo	18	20	Ger.	Hamburg-Amer. Line.	Manaure, Colom.	Guayaquil, Ecua.	Gen., salt	957
Colombia [2]	18	20	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	535
Eskbank [2]	19	20	Brit.	Inver Transp. & Trad.	Boston, Mass.	Manila, P. I.	General	5,686
Karmt [2]	19	20	Nor.	Chile Nit. Sales Corp.	Savannah, Ga.	Chile	Ballast	
Alamar	20	20	Amer.	Calmar Line	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	6,963
Clio [2]	19	20	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	23
Grete Maersk [2]	20	20	Dan.	Isbrandtsen Moller.	Boston, Mass.	Cebu, P. I.	(20)	6,566
W. S. Miller [1]	20	20	Amer.	Standard Oil of Calif.	Wilmington, N.C	Los Angeles, Cal.	Ballast	
Missourian [2]	20	20	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	3,852
Joan [5]			Amer.	D. McAllister	Cristobal, C. Z.	Gatun, C. Z.	Ballast	
Tampa [2]	20	21	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Adelaide, Aust.	General	3,321
City of Newport News.	21	21	Amer.	Panama-Pacific Line.	New York, N. Y.	S. Francisco. Cal.	General	2,736
Marbledown	20	21	Brit.	J. & C. Harrison	Houston, Tex.	Kobe, Japan	Scrap iron	7,760
Bodegraven	20	21	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Valparaiso, Chile.	General	2,858
Ino [2]	20	21	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	311
Tuira [2]	20		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Yape No. 1 [17]			Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Sambu [2]	20		Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	(21)	
Elsa Essberger [2]	21	22	Ger.	General S. S. Corp.	Rotterdam, Neth.	Columbia River.	Ballast	
Atlantic	21	22	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Portland, Oreg.	Steel, gen.	3,462
Sandpiper [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Lapwing [10]			Amer.	U. S. Navy	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Nankai Maru [2]	22	22	Jap.	Osaka Syosen Kaisya.	London, England	Dairen, China	Iron, steel	6,070
Belray [2]	22	22	Nor.	Christen Smith	Philadelphia, Pa.	Moji, Japan	(22)	2,993
Tolken	22	22	Swed.	Transatlantic S. S. Co.	Tyne, England	Vancouver, B. C.	Ballast	
Aconcagua [2]	21	21	Chile	Cia. Sud. Amer. de Vap.	Hamburg, Ger.	Valparaiso, Chile.	General	1,176
Grangepark	22	22	Brit.	Hasegawa B. Kaisha	Portland, Me.	Yawata, Japan	Scrap iron	6,922
Greystoke Castle [2]	22	22	Brit.	Barber Line	New York, N. Y.	Osaka, Japan	(23)	6,092
Europa [2]	22	22	Dan.	East Asiatic Co.	Copenhagen, Den	Portland, Oreg.	(24)	825
Sheafcrown	22	23	Brit.	Iwai & Co.	New York, N. Y.	Vladiv'k, Russia	Scrap iron	7,881
Porto Bello [3]	22	22	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Colon [2]	21		Pan.	D. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Pereira	18	23	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	876
MacDonald [16]	21	25	Brit.	Canadian Govt.	Halifax, N. S.	Vancouver, B. C.	Ballast	
Mussolini [2]	22		Pan.	D. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	
Drechtdijk [2]	22	23	Neth.	N. Pac. Coast Line.	Rotterdam, Neth.	Vancouver, B. C.	General	1,560
La Brea [1]	22	23	Amer.	Union Oil Co.	Baltimore, Md.	Los Angeles, Cal.	Ballast	
Kano Maru [2]	23	23	Jap.	Kokusai Kisen Kaisha	New York, N. Y.	Kobe, Japan	Gen., cotton	8,303
Istmo	23	23	Pan.	Elliot Ship. & Land Co.	Cartagena, Col.	B'ventura, Col.	Salt	653
King Neptune [2]	23	23	Brit.	Seaboard Ship. Co.	Belfast, Ireland	Brit. Columbia	Ballast	
Mokihana	23	23	Amer.	Matson Nav. Co.	Baltimore, Md.	Hilo, T. H.	General	2,153
Port Dunedin [2]	23	23	Brit.	Port Line, Ltd.	London, England	Auckland, N. Z.	General	7,355
Rabaul [2]	23	23	Brit.	W. R. Carpenter & Co.	London, England	Brisbane, Aust'lia	Gen., cement	1,726
Asakasan Maru [2]	23	24	Jap.	Mitsui & Co.	Philadelphia, Pa.	Moji, Japan	Oil, mach.	8,008
Monserrate [2]	23	24	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Corral, Chile	General	5,526
W. H. Berg [1]	23	24	Amer.	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Ballast	
Westmoreland	24	24	Brit.	Fed. Steam Nav. Co.	Liverpool, Eng.	New Zealand	Ballast	
City of Glasgow	23	24	Brit.	Manz Line	Montreal, Canada	Bluff, N. Z.	General	3,323
Arizonan	24	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,262
Point Brava	24	25	Amer.	Swayne & Hoyt	Corpus Ch'ti, Tex.	Seattle, Wash.	General	4,858
San Francisco	23	25	Fr.	French Line	Havre, France	Corral, Chile	General	4,232
Athelempress [1] [2]	24	24	Brit.	United Molasses Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	
Goodyear [5]			Amer.	Goodyear Rubber Co.	Cristobal, C. Z.	Gatun, C. Z.	Ballast	

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [10] Mine sweeper. [13] Gunboat. [14] Lighthouse tender. [15] Battleship. [16] Cutter. [17] Barge. [18] Scrap iron, machinery. [19] Coal, coke, general. [20] General, automobile parts. [21] Towing barge *Yape No. 1*. [22] Locomotives, general. [23] Scrap steel, general. [24] General, oil, peat moss.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Enoch [2]	24	...	Pan	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [14]	...	20
Cuango	23	...	Pan	E. Pucci	Cristobal, C. Z.	Gatun, C. Z.	Ballast	...
Sona [2]	23	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Real [2]	23	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Snapper [7]	23	25	Amer.	U. S. Navy	N. London, Conn.	San Diego, Calif.	Ballast	...
Salmon [7]	23	25	Amer.	U. S. Navy	N. London, Conn.	San Diego, Calif.	Ballast	...
Skipjack [7]	23	25	Amer.	U. S. Navy	N. London, Conn.	San Diego, Calif.	Ballast	...
Noto Maru [2]	25	25	Jap	Nippon Yusen Kaisha	New York, N. Y.	Kobe, Japan	Cotton, oil	8,605
Empire Star [2]	25	25	Brit.	Blue Star Line	London, England	Pt.Chalmers,N.Z.	General	4,676
Gryfevale	25	25	Brit.	Chile Nit. Sales Corp.	Tyne, England	Chile	Ballast	...
Hannington Court	[2]24	25	Brit.	Canadian Transp. Co.	Louisburg, N. S.	Vancouver, B. C.	General	7,142
Oakmar	25	25	Amer.	Calmar Line	Philadelphia, Pa.	Tacoma, Wash.	Steel, gen.	4,810
Santa Maria [2]	25	26	Amer.	Grace Line	New York, N. Y.	SanAntonio,Chile	General	2,830
Col. Riche [5]	19	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	...
Eleni Stathatos	25	26	Greek.	Hasegawa Line	Texas City, Tex.	Yokohama,Japan	Scrap iron	7,520
Wasgenwald	25	26	Ger	Hamburg-Amer. Line.	Galveston, Tex.	Yokohama,Japan	(15)	7,200
Terukawa Maru [2]	25	26	Jap	Kawasaki K. Kaisha	New York, N. Y.	Kobe, Japan	(16)	8,092
Susan V. Luckenbach.	26	26	Amer.	Luckenbach Line	New York, N. Y.	Tacoma, Wash.	General	3,376
Petrofina [1] [2]	26	26	Nor	Sig. Herlefsen & Co.	Dunkerque, Fr.	Talara, Peru	Ballast	...
Tamarea	26	27	Brit.	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	4,976
Orotava	25	26	Hond.	United Fruit Co.	New Orleans, La.	Champ'ico, Guat.	Gen., oil	1,471
Trois Ilets	23	26	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	Ballast	...
San Angelo	24	26	Amer.	Quaker Line	Jacksonville, Fla.	Portland, Oreg.	General	4,463
Samuel Bakke [2]	26	27	Nor	Knut Knutsen O.A.S.	Oslo, Norway	Valparaiso, Chile.	Gen., paper	3,493
Real [2]	25	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
J. Fred Talbot [9]	27	...	Amer.	U. S. Navy	Pto. Mexico	Balboa, C. Z.	Ballast	...
Tattnall [9]	27	...	Amer.	U. S. Navy	Campeche, Mex.	Balboa, C. Z.	Ballast	...
President Garfield	27	27	Amer.	Amer.-President Line.	Boston, Mass.	Singapore, St. Set.	Gen., tires	4,757
Marna	27	27	Dan.	Wessel, Duval & Co.	New York, N. Y.	Talcahuano,Chile	General	2,164
Imperial Valley	26	27	Brit.	W. R. Smith & Sons.	Pt. Arthur, Tex.	Yawata, Japan	Scrap iron	7,497
Trontolite [1] [2]	26	27	Brit.	Imperial Oil Co.	Barranquilla,Col.	B'ventura, Col.	Gasoline	2,750
Pacific Shipper [2]	26	27	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	846
Charleston [13]	27	...	Amer.	U. S. Navy	Progresso,Mexico	Balboa, C. Z.	Ballast	...
Chilore	27	27	Amer.	Ore S. S. Co.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	...
Nero [2]	25	27	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	122
Colombia [2]	25	27	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	840
Clio [2]	26	27	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	108
Daronia [1] [2]	27	27	Brit.	Anglo-Saxon Pet. Co.	Curacao, N.W.I.	Los Angeles, Cal.	Ballast	...
J-71 [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	...
Douro [2]	27	...	Neth.	W. I. Scheepv. Maat.	Belize, Br. Hond.	Balboa, C. Z.	Drydocking	...
Columbian	27	28	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	3,527
Californian [2]	27	28	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,853
Lancaster	27	28	Amer.	Weyerhaeuser S.S. Co.	New York, N. Y.	Tacoma, Wash.	General	3,840
Knoxville City	28	28	Amer.	Isthmian S. S. Lines.	Portland, Me.	Seattle, Wash.	Steel, gen.	4,222
Lily	28	28	Greek.	Michalos, Inc.	New York, N. Y.	Moji, Japan	Scrap iron	7,496
Nuevo Panama [2]	27	28	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R.P.	General	240
Svealand [2]	29	29	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	...
Scottish Heather [1]	29	29	Brit.	Standard Oil of N. J.	Aruba, N. W. I.	SanAntonio,Chile	Fuel oil	9,961
Anglo Peruvian	29	29	Brit.	Seaboard Ship. Co.	S. Shields, Eng.	Vancouver, B. C.	Ballast	...
Maui	29	29	Amer.	Baltimore Mail Co.	New York, N. Y.	S. Francisco, Cal.	General	2,596
Rialto [2]	28	29	Ital.	Italian Line	Trieste, Italy	Vancouver, B. C.	General	829
San Anselmo	28	29	Amer.	Quaker Line	Philadelphia, Pa.	Portland, Oreg.	General	3,172
Bogota [2]	26	29	Ger	North German Lloyd.	Cristobal, C. Z.	Guayaquil, Ecua.	General	483
Col. Riche [5]	25	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	...
Porto Bello [3]	29	29	Pan	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Colon [2]	28	...	Pan	D. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Martin Bakke [2]	29	30	Nor	Interocean S.S. Corp.	Belfast, Ireland	Vancouver, B. C.	Ballast	...
Margaret Johnson	[2]29	30	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	(17)	5,610
Mussolini [2]	29	...	Pan	D. Campodonico	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Norman Monarch	29	30	Brit.	Polarius S. S. Co.	New York, N. Y.	Yawata, Japan	Scrap iron	7,800
Korana	30	30	J-Slav.	Chile Nit. Sales Corp.	Alexandria,Egypt	Iquique, Chile	Ballast	...
Hollywood	30	30	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	General	4,254
Acajutla	23	30	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	949
Maranon	29	30	Peru	Peruvian Line	Iquitos, Peru	Callao, Peru	Lumber, gen.	1,875
Tony [5]	...	...	Pan	Robert Wilcox	Cristobal, C. Z.	Gatun, C. Z.	(18)	...
Orazio [2]	30	31	Ital.	Italian Line	Genoa, Italy	Valparaiso, Chile.	General	662
Armadale [2]	30	31	Brit.	Australind Co.	Philadelphia, Pa.	Adelaide, Aust'lia	General	5,132
Ferncliff [2]	31	31	Nor	Chile Nit. Sales Corp.	Charleston, S. C.	Tocopilla, Chile.	Ballast	...
Tyr	31	31	Nor	Seaboard Ship. Co.	Habana, Cuba	Los Angeles, Cal.	Ballast	...
Santore	31	31	Amer.	Ore S. S. Corp.	Baltimore, Md.	Curz Gr'de, Chile	Ballast	...
Silverwalnut [2]	31	31	Brit.	Kerr S. S. Line	Boston, Mass.	Singapore, St. Set.	General	3,882
Hardanger	31	31	Nor	Westfal, Larsen & Co.	BuenosAires,Arg.	Vancouver, B. C.	General	4,693
Texan	31	31	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	1,850
Orduna	30	31	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,680
Ebba [2]	31	...	Pan	P. S. List	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...
Sona [2]	30	...	Pan	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	...

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [9] Destroyer. [13] Gunboat. [14] For bananas and return to Cristobal. [15] Oil, iron, cotton. [16] Scrap iron, general, etc. [17] General, paper, cement. [18] Towing yacht Rolling Stone from Gatun.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Real [2]	30	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Philadelphia [12]	31	...	Amer..	U. S. Navy	Norfolk, Va....	Los Angeles, Cal.	Ballast	.....
Honolulu [12]	31	...	Amer..	U. S. Navy	Norfolk, Va.	Los Angeles, Cal.	Ballast	.....
Santa Isabel [2]	31	1	Nic...	Francisco McRea	Pto. Cabezas, Nic.	Corinto, Nic....	Old iron	40
Savannah [12]	31		Amer..	U. S. Navy	Norfolk, Va....	Los Angeles, Cal.	Ballast	.....
Leipzig [2]	30	1	Ger...	North German Lloyd.	Hamburg, Ger..	Corral, Chile...	General	2,849
Damsterdijk [2]	31	1	Neth..	Holland-Amer. Line..	Rotterdam, Neth.	Portland, Oreg..	General	4,554
Ashworth	31	1	Brit...	R. S. Dalgliesh	Newcastle, Eng..	Los Angeles, Cal.	Ballast	.....
K. R. Kingsbury [1]	31	1	Amer..	Standard Oil of Calif.	Baltimore, Md..	S. Francisco, Cal.	Ballast	.....
Sawokla	1	1	Amer..	Roosevelt S. S. Co...	New York, N. Y.	Shanghai, China.	General	6,834
Steelworker	1	1	Amer..	Isthmian S. S. Lines..	Mobile, Ala....	Los Angeles, Cal.	(14)	8,643
Breda	31	2	Neth..	Royal Neth. S. S. Co.	Hamburg, Ger..	Corral, Chile	General	2,943
Cathwood [1]	1	1	Amer..	Union Oil of Calif....	Savannah, Ga...	Los Angeles, Cal.	Ballast	.....
Hoxbar [1]	1	1	Amer..	Shell Oil Co.	Baltimore, Md...	Los Angeles, Cal.	Ballast	.....
Frank [3]	1	...	Pan...	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[13]	.....	20
Slesvig [2]	1	2	Dan...	Isbrandtsen Moller..	New York, N. Y.	Manila, P. I....	General	2,500
Lena Luckenbach.	1	2	Amer..	Luckenbach-Gulf Co.	Tampa, Fla	Tacoma, Wash.	General	5,801
Swiftscout [1]	2	2	Amer..	Shell-Union Oil Co...	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Nardana	2	2	Brit...	Br. India Stm. Nav. Co.	New York, N. Y.	Sydney, Aust'lia.	General	3,856
Satartia	2	2	Amer..	Pac. N. W. Oriental..	Baltimore, Md..	Seattle, Wash...	Ballast	.....
Buenos Aires [2]	2	2	Swed.	Johnson Line	Limhamn, Swed..	Valparaiso, Chile.	Cement, gen.	1,360
Oremar	2	2	Amer..	Calmar Line	Baltimore, Md...	Seattle, Wash...	Steel, gen.	4,039
Mosli [2]	31	2	Nor...	Petroleos Mexicanos..	Tampico, Mexico	Guaymas, Mexico	Gasoline, etc.	11,872
Aegeus	2	2	Greek.	Pateras Bros.	Providence, R. I.	Yokohama, Japan	Scrap iron...	7,210
Horace Luckenbach.	2	2	Amer..	Luckenbach Line	Boston, Mass....	Seattle, Wash...	General	4,266
Colombia [2]	1	3	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.	520
Ino [2]	1	3	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General	30
H. D. Collier [1]	2	3	Amer..	Standard Oil of Calif.	Bordeaux, France	Los Angeles, Cal.	Ballast	.....
Silvaplana [2]	2	3	Nor...	Tschudi & Eitzen	Philadelphia, Pa.	Kobe, Japan	(15)	8,566
Ewa	2	3	Amer..	Matson Nav. Co.	Baltimore, Md...	Honolulu, T. H..	General	1,112
Cerigo	2	3	Ger.	Hamburg-Amer. Line.	Manaure, Colom.	Guayaquil, Ecua.	Salt, beer	875
Douro [2]	2	3	Neth..	W. I. Scheep V. Maat	Cristobal, C. Z..	B'ventura, Col...	General	63
Iowan	2	3	Amer..	Amer.-Hawaiian Line.	Boston, Mass....	Seattle, Wash...	General	3,217
Knute Nelson [2]	2	3	Nor...	Fred Olsen Line	Oslo, Norway	Vancouver, B. C.	General	5,535
Tejon [1]	3	3	Amer..	Gen. Petroleum Corp.	Paulsboro, N. J..	Los Angeles, Cal.	Ballast	.....
Heranger [2]	3	4	Nor...	Interocean S. S. Line.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Clio [2]	3	...	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Balboa, C. Z....	Drydocking	.....
City of Los Angeles.	4	4	Amer..	U. S. Lines	New York, N. Y.	S. Francisco, Cal.	General	3,012
San Clemente	3	4	Amer..	Quaker Line	New York, N. Y.	Portland, Oreg...	General	2,933
W. S. Rheem [1]	3	4	Amer..	Standard Oil of Calif.	Bayonne, N. J.	Los Angeles, Cal.	Ballast	.....
Quito [2]	3	...	Ger...	North German Lloyd.	Cristobal, C. Z..	Balboa, C. Z....	Drydocking	.....
Hulda Maersk [2]	3	4	Dan...	A. P. Moller	Boston, Mass....	Iloilo, P. I.	Gen., benzol.	6,170
Huzikawa Maru [2]	3	4	Jap...	Mitsui Bussan Kaisha	Baltimore, Md...	Moji, Japan	Gas., steel...	8,113
West Ira	3	4	Amer..	McCormick S. S. Co..	Buenos Aires, Arg.	Vancouver, B. C.	General	6,940
S. C. T. Dodd [1]	4	4	Amer..	Standard Oil of Calif.	Claymont, Dela..	Los Angeles, Cal.	Ballast	.....
Tresillian	3	4	Brit...	Mont.-Aust. N. Z. Line	Three Riv., Can..	Sydney, Aust'lia.	Newsprint	4,756
Nuevo Panama [2]	3	4	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pto. Arm'lles, R. P.	General	105
Chincha	4	4	Amer..	Isthmian S. S. Lines..	New York, N. Y.	Seattle, Wash...	General	3,926
Santa Rita [2]	4	5	Amer..	Grace Line	New York, N. Y.	Chanaral, Chile..	General	2,143
Kiyokawa Maru [2]	4	5	Jap...	Kawasaki K. Kaisha.	New Orleans, La.	Kobe, Japan	(16)	8,482
Sangstad [2]	4	5	Nor...	Fern Line	Baltimore, Md...	Nagoya, Japan	Scrap iron...	7,202
Chelsea	4	5	Brit...	Chile Nit. Sales Corp.	Alexandria, Egypt	Valparaiso, Chile.	Cotton seed.	4,834
Elwood [1]	4	5	Amer..	Shell Oil Co.	Boston, Mass....	Los Angeles, Cal.	Ballast	.....
Inverbank [2]	4	5	Brit...	Bank Line, Ltd.	Tampico Mexico.	Adelaide, Aust...	Asphalt, gen.	7,864
Hanley	5	5	Amer..	Weyerhaeuser S. S. Co.	New York, N. Y.	Seattle, Wash...	General	3,253
Lebore	5	5	Amer..	Ore S. S. Corp.	Baltimore, Md...	Cruz Gr'de, Chile	Ballast	.....
Mayari	5	5	Pan...	United Fruit Co.	Newp't News, Va.	Puntarenas, C. R.	(17)	3,181
Pacific President [2]	5	5	Brit...	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	586
Kaipaki [2]	5	6	Brit...	Trinder Anderson Co.	Montreal, Canada	Adelaide, Aust...	General	6,400
Porto Bello [3]	5	5	Pan...	A. Tagaropulos	Cristobal, C. Z..	Real, R. P	General	3
Helene Kulukundis.	5	6	Greek.	Hasegawa Boeki K...	Philadelphia, Pa.	Kobe, Japan	Scrap iron...	9,109
Wind Rush	5	6	Amer..	Shepard S. S. Co.	Boston, Mass....	Tacoma, Wash..	General	4,485
President de Vogue.[1] [2]	6	6	Nor...	Cie des Prod. Chem. et Raff.	Rotterdam, Neth.	Talara, Peru	Ballast	.....
Mussolini [2]	5	..	Pan...	Enrique Obarrio	Cristobal, C. Z..	Balboa, C. Z....	Ballast	.....
Point Lobos	6	6	Amer..	Swayne & Hoyt	Houston, Tex...	Seattle, Wash...	General	5,022
Jumna	6	6	Brit...	Mitsubishi Shoji K...	New Orleans, La.	Dairen, China	(18)	8,260
Swiftarrow [1]	6	6	Amer..	Shell Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Trois Ilets	4	6	Fr...	French Line	Cristobal, C. Z..	B'ventura, Col...	General	74
Donan	6	7	Ger...	North German Lloyd.	Bremerhaven, Ger	Vancouver, B. C.	Ballast	.....
Loriga [2]	6	7	Brit...	Pacific Steam Nav. Co.	Hull, England	Talcahuano, Chile	Coal, gen.	1,806
Tongariro	6	7	Brit...	N. Z. Shipping Co	Newport, Eng.	N. Plymouth, N. Z.	General	9,675
Hokuroku Maru [2]	6	7	Jap...	Osaka Syosen Kaisya.	Boston, Mass....	Kobe, Japan	Gen., metal.	8,017
Prince Rupert City	6	7	Brit...	Mitsubishi Line	Pensacola, Fla...	Osaka, Japan..	Scrap metal.	7,832
King Gruffyd	7	7	Brit...	Seaboard Ship. Co.	So. Shields, Eng.	S. Francisco, Cal.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [12] Cruiser. [13] For bananas and return to Cristobal. [14] Steel, tinplates. [15] Scrap iron, steel. [16] Scrap steel, oil, etc. [17] Railroad ties and material. [18] Scrap iron, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Eknaren [2]	7	7	Swed.	Montreal-Aust. Line	Three Riv., Can.	Sydney, Aust.	Paper	4,986
Virginian	7	7	Amer.	Amer.-Hawaiian Line	Boston, Mass.	Portland, Oreg.	General	1,700
Temple Mead	7	7	Brit.	Chile Nit. Sales Corp.	Cardiff, Wales	Ant'fagasta, Chile	Coke, coal	6,912
Occidental [1]	7	7	Amer.	The Texas Co	Pt. Arthur, Tex.	Los Angeles, Cal.	Lub. oil	9,230
Oakland [2]	5	7	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Vancouver, B. C.	General	7,198
Seakay [1]	7	7	Amer.	Shell Oil Co	Baltimore, Md.	Los Angeles, Cal.	Ballast	.....
John Cabot	1	8	Brit.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	1,336
Holystone	7	7	Brit.	Northumbrian Ship	Cardiff, Wales	Portland, Oreg.	Ballast	.....
Sambu [2]	6	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Republic [8]	7	9	Amer.	U. S. Army	New York, N. Y.	Honolulu, T. H.	General	1,536
Mostun [2]	7	8	Nor.	Neptune Ship. Co.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Bethore	7	8	Amer.	Ore Steamship Co.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Sacramento Valley	8	8	Brit.	Mitsubishi Shoji K.	Albany, N. Y.	Osaka, Japan	Scrap iron	7,506
Berganger [2]	7	8	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Los Angeles, Cal.	Ballast	.....
Nissin Maru [2]	8	8	Jap.	Mitsubishi Line	Rotterdam, Neth.	Yokohama, Jap.	Ballast	.....
Santa Lucia	8	9	Amer.	Grace Line	New York, N. Y.	San Antonio, Chile	General	3,109
Rangitiki [2]	8	9	Brit.	N. Z. Shipping Co.	London, England.	Auckland, N. Z.	General	6,220
K. I. Luckenbach.	9	9	Amer.	Luckenbach Line	New York, N. Y.	Seattle, Wash.	General	2,557
Satanella [6]	7	...	Brit.	E. M. McCausland	S'ampton, Eng.	Tahiti	Ballast	.....
President Monroe.	9	9	Amer.	Amer. President Lines	Boston, Mass.	Round the world.	General	3,267
El Oso [1]	9	9	Brit.	C. T. Bowring & Co.	Curacao, N.W.I.	Guayaquil, Ecua.	Fuel oil	8,500
Cimarron [1]	4	...	Amer.	U. S. Navy	Houston, Tex.	San Diego, Cal.	Ballast	.....
Brooklyn [12]	9	9	Amer.	U. S. Navy	Norfolk, Va	Los Angeles, Cal.	Ballast	.....
Baldhill [1]	9	9	Amer.	Shell Oil Co	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Atlantic [1] [2]	9	9	Nor.	Standard Oil of N.J.	Aruba, N.W.I.	Iquique, Chile	Fuel oil	10,573
Coloradan	9	...	Amer.	Amer.-Hawaiian Line	Baltimore, Md.	Seattle, Wash.	General	4,605
Telde	8	9	Hond.	United Fruit Co	New Orleans, La.	La Union, Salv.	General	1,428
Paragon [6]	9	...	Amer.	Bartholomeee Oil	Miami, Fla	Los Angeles, Cal.	Ballast	.....
Colombia [2]	8	9	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	570
Roda [2]	9	10	Ger.	Hamburg-Amer. Line	Hamburg, Ger.	Valparaiso, Chile.	General	4,779
Sylvan Arrow [1]	9	11	Amer.	Shell Oil Co	Curacao, N.W.I.	Los Angeles, Cal.	Fuel oil	12,875
Willmoto [2]	9	10	Amer.	Arrow Line	Baltimore, Md.	Tacoma, Wash.	General	5,119
Frida	9	10	Dan.	West Coast Line	Baltimore, Md.	Talcahuano, Chile	General	2,252
Tai Ping [2]	9	10	Nor.	Barber Wilhelmsen	New York, N. Y.	Osaka, Japan	(13)	7,019
Margrethe Bakke [2]	9	10	Nor.	Knutsen Line	Gavle, Sweden	Portland, Oreg.	General	7,113
Pennsylvanian	10	10	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,093
Calmar	10	10	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,218
Marore	10	10	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Royal Crown	10	10	Brit.	Chile Nit. Sales Corp.	Barry, England	Iquique, Chile	Ballast	.....
Nero [2]	8	10	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	312
Steel Mariner	10	10	Amer.	Isthmian S. S. Lines	New York, N. Y.	Seattle, Wash.	General	3,171
Leticia [3]	10	...	Pan.	A. Tagaropulos	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Australian Reefer [2]	10	11	Dan.	J. Lauritzen	Los Angeles, Cal.	Liverpool, Eng.	Fresh fruit	2,031
Oregon Express [2]	10	11	Nor.	Fruit Express Line	Los Angeles, Cal.	Glasgow, Scot.	Fresh fruit	1,800
Pacific Ranger [2]	10	11	Brit.	Furness, Withy & Co.	Victoria, B. C.	Manchester, Eng.	General	8,453
Port Halifax [2]	11	11	Brit.	M. A. N. Z. Line	Auckland, N. Z.	Montreal, Canada	General	4,708
Nero [2]	11	13	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	Coffee, hides	330
Frida	11	11	Dan.	West Coast Line	Valparaiso, Chile.	New York, N. Y.	Nitrate, gen.	2,649
Loreto [2]	11	11	Brit.	Pacific Steam Nav. Co.	Coronel, Chile	Hull, England	General	8,319
Tuscaloosa City	11	11	Amer.	Isthmian S. S. Lines	Portland, Oreg.	Avonmouth, Eng.	Grain, gen.	8,198
Quito [2]	11	13	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	(14)	1,203
Lillian Luckenbach.	11	11	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	8,020
Santore	11	11	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
Svealand [2]	12	12	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Aldington Court [2]	11	12	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Montreal, Canada	Lumber, gen.	7,556
Vakyrie [2] [6]	4	-29	Brit.	Ethel Zora Hanner	Victoria, B. C.	Kingston, Jam.	Ballast	.....
Colombia [2]	11	13	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	729
Orotava	11	13	Hond.	United Fruit Co	Corinto, Nic.	New Orleans, La.	(15)	698
Douro [2]	12	15	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(16)	544
Santa Isabel [2]	12	13	Nic.	Bernabe Guerrero	Corinto, Nic.	Bluefields, Nic.	Sugar	35
American Oriole	12	12	Amer.	Amer.-Foreign Corp.	Olympia, Wash.	New York, N. Y.	Lumber	7,457
Hunter Liggett [8]	11	13	Amer.	U. S. Army	S. Francisco, Cal.	New York, N. Y.	General	686
Canada [2]	12	12	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den.	General	10,224
Porto Bello [2]	12	12	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(17)	6
Maui	12	13	Amer.	Baltimore Mail Co.	Los Angeles, Cal.	Baltimore, Md.	Sugar, gen.	4,372
Balboa [2]	13	13	Swed.	Johnson Line	Honolulu, T. H.	Stockholm, Swed.	General	9,175
Trois Ilets	13	15	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	71
Nuevo Panama [2]	13	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	85
Ferncliff [2]	13	13	Nor.	Fearnley & Eger	Tocopilla, Chile	Charleston, S. C.	Nitrate	7,690
Ohioan	13	13	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Ponce, Pto. Rico.	General	6,067
Mathew Luckenbach.	13	13	Amer.	Luckenbach Line	Portland, Oreg.	Tampa, Fla.	General	4,689

[1] Tanker. [2] Motor ship. [3] Motor schooner. [6] Yacht. [8] Transport. [12] Cruiser. [13] General, scrap iron. [14] Coffee, wood, hides. [15] Coffee, bananas. [16] Cocoa, coffee, timber. [17] Plantains, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Texas	13	13	Amer.	Calif.-Eastern Line	Portland, Oreg.	Philadelphia, Pa.	(13)	5,196
Pennsylvania	13	13	Amer.	Weyerhaeuser S. S. Co.	Everett, Wash.	Norfolk, Va.	(14)	5,485
Sambu [2]	12	14	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	53
Wearpool [2]	13	14	Brit.	Sir R. Ropner & Co.	Pt. Tashis, B. C.	Hull, England	Grain, lum.	8,760
Temple Yard	13	14	Brit.	Temple S. S. Co.	Vancouver, B. C.	London, England	Lumber, gen.	8,590
West Cape	13	14	Amer.	McCormick S. S. Co.	Eureka, Calif.	Philadelphia, Pa.	Lumber, gen.	6,688
Mosli [1] [2]	6	14	Nor.	Mosvolds Rederi 3	Guaymas, Mex.	Tampico, Mexico	Ballast	
Minnesotan	14	14	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,082
Trekieve	14	14	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Manchester, Eng.	Wheat, lum.	7,736
Brimanger [2]	14	14	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth.	General	7,448
Nordvest [2]	14	15	Dan.	Kawasaki K. Kaisya	Saigon, China	Texas City, Tex.	General	7,628
West Ivis	12	15	Amer.	McCormick S. S. Co.	Vancouver, B. C.	Buenos Aires, Arg.	(15)	4,301
Mussolini [2]	15	16	Pan.	D. Campodonico	Darien, R. P.	Cristobal, C. Z.	Bananas	80
K. R. Kingsbury [1]	14	15	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Baltimore, Md.	Asphalt	11,180
Kiyosumi Maru [2]	14	16	Jap.	Kokusai K. Kaisya	Manila, P. I.	Galveston, Tex.	(16)	8,702
Sofie Bakke [2]	14	15	Nor.	Knut Knutsen, O.A.S.	Vancouver, B. C.	Belfast, Ireland	General	7,804
Friedrich Breme [1]	15	15	Ger.	W. Tankschiff Rhed'i	Talara, Peru	Rotterdam, Neth.	(17)	14,263
Santa Rita [2]	15	16	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	(18)	3,050
Thrush [4]	16		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Baldbutte [1]	15	16	Amer.	Shell Oil Co.	S. Francisco, Cal.	Sewaren, N. J.	Gasoline	8,726
Monkleigh	16	16	Brit.	W. J. Tatem, Ltd.	Pt. Alberni, B. C.	London, England	Wheat, lum.	9,150
Cubano	16	16	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Norfolk, Va.	Nitrate	8,160
Tairoa	16	16	Brit.	Shaw, Savill & Albion	Nelson, N. Z.	Glasgow, Scot.	Frozen, gen.	6,851
City of Los Angeles.	16	17	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	4,737
Minerva [2]	16	17	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Mobile, Ala.	Nitrate	9,425
Frankfurt	17	18	Ger.	North German Lloyd.	Sydney, N. Z.	Hamburg, Ger.	General	6,693
Trefusis	17	17	Brit.	Hain S. S. Co.	Pt. Alberni, B. C.	Garston, England	Wheat, lum.	7,274
Krossfonn [1] [2]	17	17	Nor.	Sigval Bergesen	Lobitos, Peru	Antwerp, Belgium	Crude oil	13,524
Yamazato Maru [2]	17	18	Jap.	Yamashita S. S. Co.	Manila, P. I.	Buenos Aires, Arg.	General	7,583
Montanan	17	17	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	6,052
Sedgepool	17	17	Brit.	Pool Shipping Co.	Portland, Oreg.	Belfast, Ireland	Wheat	8,837
Chateau Thierry [8]	15	17	Amer.	U. S. Army	Balboa, C. Z.	Brooklyn, N. Y.	General	40
Patria	17	18	Ger.	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger.	General	4,690
Dinteldijk [2]	17	18	Neth.	Holland-Amer. Line	Victoria, B. C.	Rotterdam, Neth.	Wheat, gen.	10,818
W. S. Rheem [1]	17	17	Amer.	Standard Oil of Calif.	Los Angeles, Cal.	New York, N. Y.	Fuel oil	14,780
Pereira	17	23	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	1,084
Colombia [2]	17	20	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	(19)	880
Trenton [12]	15	18	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.		
S. C. T. Dodd [1]	18	18	Amer.	Standard Oil of Calif.	El Segundo, Calif	Philadelphia, Pa.	Gasoline	9,098
Fordsdale	18	18	Brit.	Shaw, Savill & Albion	Lyttleton, N. Z.	Glasgow, Scot.	Frozen, gen.	5,328
Lewis Luckenbach	18	18	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	Lumber, gen.	9,105
Robert F. Hand [1] [2]	18	19	Brit.	Anglo-Amer. Oil Co.	S. Francisco, Cal.	Aruba, N. W. I.	Gasoline	15,837
President Herrenschmidt. [1] [2]	18	18	Nor.	Sigval Bergesen	LaLibertad, Ecua.	Donges, France	Crude oil	13,301
Cathwood [1]	18	18	Amer.	Union Oil of Calif.	Pt. San Luis, Calif.	Savannah, Ga.	Crude oil	9,359
Lebore	19	19	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Reina del Pacifico [2]	19	19	Brit.	Pacific Steam Nav. Co	San Antonio, Chile	Liverpool, Eng.	(20)	5,757
Leme [2]	18	20	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	General	8,415
Clio [2]	18	20	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(21)	542
Cerigo	19	20	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	(22)	943
Rhakotis [2]	19	20	Ger.	Hamburg-Amer. Line.	Talcahuano, Chile	Hamburg, Ger.	General	7,464
Porto Bello [2]	19	19	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Fruit, lumber	8
Baarn	19	21	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,785
Ino [2]	19	21	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	503
Ulm [2]	19	20	Ger.	North German Lloyd.	Los Angeles, Cal.	Hamburg, Ger.	Fresh fruit	1,578
Marija Petrinovic.	19	20	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [23]	Nitrate	8,260
Imperial Star [2]	19	20	Brit.	Blue Star Line	Auckland, N. Z.	London, England	Frozen, gen.	7,285
Laila	20	20	Dan.	Wessel, Duval & Co.	San Antonio, Chile	New York, N. Y.	Nitrate, gen.	2,652
Portland [2]	20	21	Ger.	Hamburg-Amer. Line.	Vancouver, B. C.	Hamburg, Ger.	General	7,362
Columbia [2]	20	20	Dan.	Canadian Transp. Co.	N. West'er, B. C.	London, England	(24)	8,777
Nagara Maru [2]	20	21	Jap.	Nippon Yusen Kaisya	Keelung, Japan	Baltimore, Md.	(25)	6,850
Cromarty [2]	20	20	Brit.	Canadian Transp. Co.	Britannia, B. C.	Dunkerque, Fr.	(26)	8,800
Izgled	19	20	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [23]	Nitrate	7,200
Michael L. Embiricos.	20	20	Greek.	S. G. Embiricos	Portland, Oreg.	Cobh, Ireland [23]	Wheat	7,740
Tuira [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	45
Sambu [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	35
Ammon	20	21	Ger.	Hamburg-Amer. Line.	Pto. Montt, Chile.	Hamburg, Ger.	General	6,949
Cornwall	20	21	Brit.	Federal Steam Nav. Co.	Dunedin, N. Z.	Glasgow, Scot.	Frozen, gen.	5,984
Point Caleta	20	21	Amer.	Swayne & Hoyt	Seattle, Wash.	Corpus Ch'ti, Tex.	Lumber, gen.	6,155
Moldanger [2]	20	21	Nor.	Interocean S. S. Corp.	Seattle, Wash.	Rotterdam, Neth.	Grain, gen.	8,330
Nailsea Manor	20	21	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Montreal, Canada	(27)	7,299
El Aleto [1] [2]	20	21	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru	Pt. de Bouc, Fr.	Crude oil	10,247
Point Clear	21	21	Amer.	Swayne & Hoyt	Seattle, Wash.	Panama City, Fla.	General	5,530
Alkmaar	21	21	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	9,829

[1] Tanker. [2] Motor ship. [4] Tug. [8] Transport. [12] Cruiser. [13] Lumber, flour, general. [14] Lumber, paper pulp. [15] Lumber, rice, general. [16] Sugar, silk, general. [17] Petroleum products. [18] Copper, bananas, general. [19] Coffee, hardware. [20] Copper, gold, general. [21] Cocoa, wood, coffee. [22] Cocoa, hides, coffee. [23] For orders. [24] Wheat, lumber, zinc. [25] Sugar, Perilla oil, general. [26] Lumber, iron pyrites. [27] Lumber, canned salmon.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Cliona [1] [2]	21	21	Brit.	Anglo-Saxon Pet. Co.	Los Angeles, Cal.	Curacao, N. W. I.	Kerosene	12,381
Bronnoy [2]	21	21	Nor.	Anglo-Can. S. S. Co.	Victoria, B. C.	London, England	[16]	8,022
Colon [2]	21	22	Pan.	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Bethore	22	22	Amer.	Ore S. S. Corp.	Cruz G'rde, Chile	Baltimore, Md.	Iron ore	21,500
Lebec [1]	21	22	Amer.	Shell Oil of N. Y.	Los Angeles, Cal.	Fall River, Mass.	Fuel oil	10,012
Mussolini [2]	21	23	Pan.	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	90
Kupa	22	22	J-Slav.	Chile Nit. Sales Corp.	Tocopilla, Chile	Azores [14]	Nitrate	7,750
El Grillo [1]	22	22	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru	Ellesmere, Eng.	Crude oil	10,250
Stjerneborg [2]	22	22	Dan.	C. K. Hansen	N.Westm'er,B.C.	Philadelphia, Pa.	Lumber	7,425
Mexican	22	22	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,861
Maine	22	22	Amer.	Calif. Eastern Line	Portland, Oreg.	Philadelphia, Pa.	General	8,110
Montgomery City	22	23	Amer.	Isthmian S. S. Lines	Makukona, T. H.	New York, N. Y.	Sugar, pines	8,323
Eastern Guide	22	23	Amer.	Turner Lumber Co.	So. Bend, Wash.	Irvington, N. Y.	Lumber	5,471
Samnanger	22	23	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Pensacola, Fla.	Nitrate	7,050
Gretavale	23	23	Brit.	Chile Nit. Sales Corp.	Ant'fagasta,Chile	Azores [14]	Nitrate	7,336
Pacific Reliance [2]	23	23	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	8,396
Kansan	23	23	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	Lumber, gen.	6,350
Trois Ilets	23	26	Fr.	French Line	Esmeraldas,Ecua	Cristobal, C. Z.	[17]	215
Acacia [13]	23	24	Amer.	U. S. Lighthouse Serv.	Balboa, C. Z.	San Juan, P. R.		
Jutland	23	23	Brit.	Seaboard Ship. Co.	Victoria, B. C.	London, England	Grain, lum.	9,500
Arimasan Maru [2]	23	23	Jap.	Mitsui Senpakubu	Manila, P. I.	New York, N. Y.	General	7,030
Saint Gobain [1] [2]	23	23	Swed.	Raffineries de Berre	Talara, Peru	Pt. de Bouc, Fr.	Crude oil	14,758
Mosfruit [2]	23	23	Nor.	M. Mosvold, Farsund	Los Angeles, Cal.	Rotterdam, Neth.	Fresh fruit	1,363
City of San Francisco.	23	24	Amer.	Panama-Pacific Line.	S. Francisco, Cal.	New York, N. Y.	General	4,482
Real [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	18
Sona [2]	23	24	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Acajutla	23	30	Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, wood	947
Virgilio [2]	23	25	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	2,862
Moorby [2]	23	24	Brit.	Ropner Shipping Co.	N.Westm'er,B.C.	Cardiff, Wales	Grain, lum.	8,553
Lihue	24	24	Amer.	Matson Nav. Co.	Hilo, T. H.	Baltimore, Md.	[18]	8,606
Mobile City	24	24	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Mobile, Ala.	[19]	857
Maravi	24	24	Pan.	United Fruit Co.	Puntarenas, C.R.	Boston, Mass.	Ballast	
Alabaman	24	24	Amer.	Amer.-Hawaiian Line.	Los Angeles, Cal.	Boston, Mass.	Lumber, gen.	6,456
Marore	24	25	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,500
Rangitane [2]	24	25	Brit.	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	6,091
Vermar	24	25	Amer.	Calmar Line	Astoria, Oreg.	Baltimore, Md.	[20]	6,900
Tai Ping Yang [2]	24	26	Nor.	Barber-Wilhelmsen	Cebu, P. I.	New York, N. Y.	General	8,261
Colombia [2]	24	27	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	697
Nero [2]	25	27	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Cacao, gen.	373
Pomona	25	25	Amer.	Weyerhaeuser S.S.Co.	S. Francisco, Cal.	Jersey City, N. J.	[21]	9,719
Santa Lucia	25	26	Amer.	Grace Line	SanAntonio,Chile	New York, N. Y.	General	4,630
Franconia	25	25	Brit.	Cunard White Star	New York, N. Y.	New York, N. Y.	Psgrs.	
Katrina Luckenbach.	25	25	Amer.	Luckenbach Line	Los Angeles, Cal.	New Orleans, La.	General	5,243
Felix Taussig	25	25	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	[22]	7,901
Real [2]	25	26	Pan.	Elliot Ship. & Land Co.	Panama, R. P.	Cristobal, C. Z.	Steel drums	18
Bogota [2]	25	29	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,087
Telde	26	26	Hond.	United Fruit Co.	Puntarenas, C. R.	New Orleans, La.	Fruit, coffee.	743
Dorothy Luckenbach.	26	26	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	6,467
Clio [2]	26	27	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides	188
Cornish City [2]	26	26	Brit.	Reardon-Smith Line	Manila, P. I.	New Orleans, La.	Sugar	9,000
British Columbia Express. [2]	26	26	Nor.	Fruit Express Line	Los Angeles, Cal.	Glasgow, Scot.	Fresh fruit	1,305
City of Dalhart [2]	26	26	Amer.	Roosevelt S. S. Co.	Iloilo, P. I.	New York, N. Y.	Sugar, gen.	7,439
Porto Bello [2]	26	26	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	Plant's,pears	7
Kongo Maru [2]	26	27	Jap.	Kokusai Kisen Kaisha	Manila, P. I.	New York, N. Y.	General	9,796
Athinia Livanos	26	27	Greek.	Chile Nit. Sales Corp.	Tocopilla, Chile	Norfolk, Va.	Nitrate	8,900
Nuevo Panama [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	110
San Lucas	26	27	Amer.	Pac. Atlantic S. S. Co.	Longview, Wash.	Philadelphia, Pa.	Lumber, gen.	8,683
Kahuku	27	27	Amer.	Matson Nav. Co.	Ahukini, T. H.	New York, N. Y.	[18]	8,330
Laurits Swenson [2]	27	28	Nor.	Fred Olsen & Co.	Vancouver, B. C.	Oslo, Norway	General	8,384
Borgestad [2]	27	28	Nor.	Canadian Transp. Co.	Vancouver, B. C.	B'quilla, Colom.	Lumber, gen.	6,111
Istmo	28	28	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Bahia Honda,Col.	Ballast	
Selma City	27	28	Amer.	Isthmian S. S. Lines	Seattle, Wash.	Baltimore, Md.	General	6,646
Tropic Star	27	28	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nitrate	8,345
Modjokerto [2]	28	29	Neth.	Java-Pacific Line	Vancouver, B. C.	Calcutta, India	General	4,734
African Reefer [2]	28	28	Dan.	J. Lauritzen	Los Angeles, Cal.	Oslo, Norway	Fresh fruit	1,420
Alaskan	28	28	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,572
Lochavon [2]	28	29	Brit.	Royal Mail Lines	Victoria, B. C.	Rotterdam, Neth.	General	8,082
Colon [2]	28	29	Pan.	D. Campodonico	Darien, R. P.	Cristobal, C. Z.	Bananas	40
Amerikaland [2]	28	29	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	New York, N. Y.	Iron ore	22,300
Eridan [2]	29	29	Fr.	Messageries Mari'es	Noumea,N.Caled.	Marseille, Fr.	General	4,692
Undaunted [4]	27		Amer.	U. S. Navy	Mare Island, Cal.	Washington, D.C.		
Steel Exporter	29	29	Amer.	Isthmian S. S. Lines	Pt. Allen, B. C.	New York, N. Y.	[23]	8,477
Mussolini [2]	29	30	Pan.	D. Campodonico	Darien, R. P.	Cristobal, C. Z.	Bananas	80

[1] Tanker. [2] Motor ship. [4] Tug. [13] Lighthouse tender. [14] For orders. [16] Wheat, lumber, general. [17] Coffee, ivory nuts. [18] Sugar, pineapples, canec. [19] Lumber, canned goods. [20] Lumber, pulp, plywood. [21] Lumber, pulp, general. [22] Lumber, sugar, general. [23] Sugar, pineapples.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Modavia [2]	29	29	Brit.	Donaldson Line	Victoria, B. C.	Glasgow, Scotland	Wheat, gen.	5,773
Kaipara [2]	29	30	Brit.	M. A. N. Z. Line	Brisbane, N. Z.	Montreal, Canada	General	6,977
Sirius [8]	27	31	Amer.	U. S. Navy	San Diego, Calif.	Norfolk, Va.	Navy gen.	2,758
Hellen	30	30	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Charleston, S. C.	Nitrate	7,700
Ward [2]	30	30	Amer.	Roosevelt S. S. Co.	Sydney, Aust'lia.	Montreal, Canada	General	4,009
Massmar	30	30	Amer.	Calmar Line	Tacoma, Wash.	Baltimore, Md.	Lum., copper	6,408
Imperial [2]	30	30	Chile.	Sud Amer. de Vapores	Corral, Chile	Hamburg, Ger.	General	5,174
Harpoon	30	30	Amer.	Shepard S. S. Co.	S. Francisco, Cal.	Boston, Mass.	Lumber, gen.	8,827
Troma [2]	30	30	Nor.	Canadian Transp. Co.	Pt. Alberni, B. C.	Dunkerque, Fr.	(15)	8,793
City of Norfolk	30	31	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	Fruit, gen.	4,489
Castor [1] [2]	30	30	Swed.	Standard Oil Co.	LaLibertad, Ecua.	Havre, France	Crude oil	13,063
Sona [2]	30	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	25
Real [2]	30	31	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Tisnaren [2]	31	31	Swed.	Burne Philp S. S. Co.	Pt. Pirie, Aust.	Marseille, Fr.	(16)	8,644
Mariston	31	31	Brit.	Chile Nit. Sales Corp.	Tocopilla, Chile	Mobile, Ala.	Nitrate	7,520
Warlaby	31	31	Brit.	Sir R. Ropner & Co.	Portland, Oreg.	Cork, Ireland	Wheat	8,051
Santa Barbara [2]	31	31	Amer.	Grace Line	Valparaiso, Chile.	New York, N. Y.	(17)	3,533
Santos [2]	31	1	Swed.	Johnson Line	Valparaiso, Chile.	Sweden	General	6,200
Meton [1]	31	1	Amer.	Shell Oil Co.	Los Angeles, Cal.	Baltimore, Md.	Fuel oil	10,334
Hans Arp	29	1	Ger.	North German Lloyd.	Champ'ico, Guat.	Bremen, Ger.	Logs, gen.	3,058
John Cabot	31	7	Brit.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	1,354
Deroche [1]	30	2	Amer.	Union Oil of Calif.	Los Angeles, Cal.	Paulsboro, N. J.	Solvent	5,440
Bradburn	31	1	Brit.	Reardon Smith & Sons	Iloilo, P. I.	Galveston, Tex.	Sugar	8,000
Absaroka	31	1	Amer.	McCormick S. S. Co.	Seattle, Wash.	Philadelphia, Pa.	Lumber, gen.	7,458
Colombia [2]	31	3	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	715
Taranger [2]	1	1	Nor.	Interocean S.S. Corp.	N.Westm'er, B.C.	Rotterdam, Neth.	Wheat, gen.	7,225
R. J. Hanna [1]	1	1	Amer.	Standard Oil of Calif.	S. Francisco, Cal.	Providence, R. I.	Asphalt	9,902
Athelcrown [1] [2]	1	2	Brit.	United Molasses Co.	Honolulu, T. H.	Liverpool, Eng.	Molasses	17,400
Ino [2]	1	3	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(18)	291
San Pedro	1	3	Fr.	French Line	Vancouver, B. C.	Havre, France	General	7,220
Kongsdal [1] [2]	1	2	Nor.	Standard Oil Co.	Talara, Peru	Aruba, N. W. I.	Gas, kerosene	14,466
Louisianan	1	2	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Boston, Mass.	General	5,735
Bradfyne	1	2	Brit.	States Marine Corp.	Iloilo, P. I.	New York, N. Y.	Sugar	8,000
Hawaiian	1	2	Amer.	Amer.-Hawaiian Line	Portland, Oreg.	Baltimore, Md.	General	6,510
Douro [2]	28	3	Neth.	Royal Neth. S. S. Co.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Quito [2]	2	4	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	Tagua, gen.	1,240
Edwin Christenson.	1	2	Amer.	Arrow Line	So. Bend, Wash.	Baltimore, Md.	Lumber	7,497
American Robin	1	2	Amer.	Amer.-For. S. S. Corp	Seattle, Wash.	New York, N. Y.	Lumber	5,825
Texas Sun [1] [2]	2	2	Amer.	Sun Oil Co.	Los Angeles, Cal.	Chester, Pa.	Gasoline	14,953
Norden [2]	2	3	Dan.	Kawasaki K. Kaisha	Dairen, China	New York, N. Y.	General	4,101
Umberleigh	2	2	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Cardiff, Wales	Grain, lum.	8,600
Petrofina [1] [2]	2	2	Nor.	Belge de Petroles	Talara, Peru	Dunkerque, Fr.	Crude oil	14,720
Porto Bello [2]	2	2	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(19)	12
Isar	3	3	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.		11,080
Clio [2]	3	4	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	(20)	282
Nuevo Panama [2]	3	4	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	130
Point Ancha	3	3	Amer.	Swayne & Hoyt	Seattle, Wash.	Tampa, Fla.	Lumber, gen.	4,474
Nozima Maru [2]	3	4	Jap.	Nippon Yusen Kaisha	Iloilo, P. I.	Baltimore, Md.	Silk, gen.	7,264
Baron Yarborough	3	3	Brit.	Anglo-Cont. Guano	Sta. Rosa Is., Peru	London, England	Guano	5,250
Taketoyo Maru	3	4	Jap.	Nippon Yusen Kaisha	Iloilo, P. I.	New Orleans, La.	General	7,701
Alabama	3	6	Fr.	French Line	Valparaiso, Chile.	Havre, France	General	8,493
Georgian	4	4	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	6,920
Leticia [2]	4	10	Pan.	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	62
Winona	4	4	Amer.	Weyerhaeuser S.S.Co.	S. Francisco, Cal.	Baltimore, Md.	(21)	8,834
Nonsuco [2]	4	4	P. I.	North Negros Sugar.	Manapla, P. I.	New York, N. Y.	(22)	8,466
Annie Johnson [2]	3	5	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	(23)	6,588
Trois Islets	4	6	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	Coffee	300
Rio Dorado	4	4	Brit.	Thompson S. S. Co.	Pt. Alberni, B. C.	Liverpool, Eng.	Lum., wheat	7,900
Anna Maersk [2]	4	6	Dan.	Maersk Line	Manila, P. I.	Baltimore, Md.	(24)	6,872
Mussolini [2]	5	6	Pan.	Enrique Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	88
Herstein [2]	4	5	Nor.	Anglo-Can. S.S. Co.	Vancouver, B. C.	Hull, England	Lumber, gen.	8,324
San Rafael	5	5	Amer.	Quaker Line	Portland, Oreg.	Philadelphia, Pa.	Lumber, gen.	7,201
Santa Inez [2]	5	6	Amer.	Grace Line	Callao, Peru	New York, N. Y.	General	2,444
Sandpiper [4]	5		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Lapwing [4]	5		Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Vincennes [12]	3	7	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
San Francisco [12]	4	7	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Tuscaloosa [12]	4	7	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Quincy [12]	4	7	Amer.	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z.		
Pacific Enterprise [2]	5	5	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	8,787
Elias G. Kulukundis. [2]	5	5	Greek.	Anglo-Can. S. S. Co.	Pt. Alberni, B. C.	Cardiff, Wales	(25)	9,000
Weser [2]	6	7	Ger.	Norddeutscher Lloyd.	Vancouver, B. C.	Bremen, Ger.	(25)	7,627
Salvador	6		Brit.	Pacific Steam Nav. Co	Champ'ico, Guat.	Cristobal, C. Z.	Bullion, gen.	612
Herman Frasch	6	6	Amer.	Dutton Lumber Corp.	Everett, Wash.	Po'keepsie, N.Y.	Lumber	4,950
City of Baltimore	6	7	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	6,047

[1] Tanker. [2] Motor ship. [4] Tug. [8] Transport. [12] Cruiser. [15] Lumber, grain, general. [16] Lead, copra, shells. [17] Fruit, coffee, general. [18] Cocoa, wood, nuts. [19] Plantains, lumber. [20] Coffee, hides, pipes. [21] Lumber, wood pulp, copper. [22] Sugar, coconut oil. [23] Wheat, borax, general. [24] Sugar, hemp, general. [25] Lumber, wheat, general.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Sambu [2]	6	7	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	59
Steelore	7	7	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Helga	6	7	Dan.	J. Lauritzen	Valparaiso, Chile.	New York, N. Y.	General	2,670
Dakotan	7	7	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,081
Munchen [2]	6	7	Ger.	North German Lloyd.	Corral, Chile	Hamburg, Ger.	General	5,919
Sahale	7	7	Amer.	Amer.-For. S. S. Co.	Pt. Angeles, Wash	New York, N. Y.	Lumber	7,056
Segundo [2]	7	7	Nor.	Canadian Gulf Line.	Powell Riv., B.C.	Houston, Tex.	(14)	5,124
Queen Anne [2]	7	7	Brit.	Bulk Carriers Corp.	Vancouver, B. C.	Antwerp, Belg.	(15)	8,770
Losada [2]	7	9	Brit.	Pacific Steam Nav. Co	Talcahuano, Chile	Hull, England	(16)	8,911
Colombia [2]	7	9	Pan.	Elliot Ship.& Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	707
Orotava	8	9	Hond.	United Fruit Co.	Corinto, Nic.	New Orleans, La.	(17)	555
Morviken [2]	7	9	Nor.	Kawasaki K. Kaisya.	Iloilo, P. I.	New Orleans, La.	Sugar, gen.	7,963
Sandanger [1] [2]	8	8	Nor.	Sun Oil Co.	El Segundo, Cal.	Montreal, Canada	Gasoline	14,306
City of Delhi	8	9	Brit.	Ellerman & Bucknall.	Lyttelton, N. Z.	Montreal, Canada	General	2,543
Chickasaw City	8	8	Amer.	Isthmian S. S. Lines.	Honolulu, T. H.	Baltimore, Md.	(18)	8,397
Agios Georgios IV	8	8	Greek.	George Nicolaou, Ltd.	Vancouver, B. C.	Hull, England	Grain, lum.	8,600
Walter A. Luckenbach.	8	8	Amer.	Luckenbach Line.	Seattle, Wash.	Boston, Mass.	General	7,252
Nero [2]	8	10	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(19)	353
Douro [2]	8	...	Neth.	Royal Neth. S. S. Co.	Tumaco, Colom.	Cristobal, C. Z.	(20)	347
Northumberland	8	8	Brit.	N. Z. Shipping Co.	Wellington, N.Z.	London, England,	Frozen, gen.	7,134
Hokkai Maru [2]	8	9	Jap.	Osaka Syosen Kaisya.	Dairen, China	Antwerp, Belg.	(21)	5,973
Bonham [2]	8	9	Amer.	U. S. Coast Guard.	S. Francisco, Cal.	Curtis Bay, Md.	.....	.....
Nemaha [2]	8	9	Amer.	U. S. Coast Guard.	S. Francisco, Cal.	Curtis Bay, Md.	.....	.....
Asaka Maru [2]	9	9	Jap.	Nippon Yusen Kaisya	Yokohama, Jap.	Hamburg, Ger.	General	7,094
Dortmund	9	9	Ger.	Hamburg-Amer. Line.	Lyttelton, N. Z.	Hamburg, Ger.	Conc., wool.	6,128
Brynje [2]	9	9	Nor.	Canadian Transp. Co.	Port Allen, B.C.	Grangem'th, Eng.	Lum., wheat	6,927
Yorkmar	9	9	Amer.	Calmar Line.	Seattle, Wash.	Baltimore, Md.	(22)	6,412
Charles H. Cramp	9	9	Amer.	Isthmian S. S. Lines.	Seattle, Wash.	Baltimore, Md.	(23)	6,684
Falcon	9	9	Amer.	Grace Line.	Callao, Peru	Baltimore, Md.	(24)	3,700
Sandhamn [2]	9	9	Swed.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Hull, England	Lum., grain.	7,650
Durazzo	9	...	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	Coffee, gen.	1,134
Marconi [2]	9	9	Pan.	D. Campodonico.	Panama, R. P.	Cipatas, Colom.	Ballast	.....
Porto Bello [2]	9	9	Pan.	A. Tagaropulos.	Darien, R. P.	Colon, R. P.	Fruit, lum.	5
Ionia	9	...	Ger.	Hamburg-Amer. Line.	Champ'ico, Guat.	Hamburg, Ger.	General	2,422
Beaconsfield	10	10	Brit.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Garston, England.	Wheat, lum.	8,323
Tosca [2]	10	10	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile.	Azores [13]	Nitrate	7,460
Firmore	10	10	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,850
Miss C. B. [2]	10	...	Brit.	Sanabria Mines, Ltd.	Tumaco, Colom.	Tampa, Fla.	Passengers	.....
Nuevo Panama [2]	10	10	Pan.	Elliot Ship.& Land Co.	Panama, R. P.	Manaure, Colom.	Ballast	.....
Amerika [2]	10	...	Dan.	East Asiatic Co.	Vancouver, B. C.	Copenhagen, Den	General	9,558
Real [2]	10	...	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	30
Sona [2]	10	...	Pan.	Elliot Ship.& Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	32

[1] Tanker. [2] Motor ship. [13] For orders. [14] Newsprint paper, shingles. [15] Wheat, pulp, lumber. [16] Copper, tin, general. [17] Coffee, wood, general. [18] Sugar, canned pineapples. [19] Cocoa, coffee, general. [20] Coffee, hides, bottles. [21] Vegetable oil, general. [22] Lumber, wood pulp, copper. [23] Lumber, pulp, general. [24] Zinc, ore, concentrates.

Comparison of Traffic at the Suez and Panama Canals for the 12 Months Ended April 30, 1938 and 1939

Month	Suez Canal: Number of transits 1937–38	Suez Canal: Number of transits 1938–39	Suez Canal: Percent Increase	Suez Canal: Percent Decrease	Panama Canal: Number of transits 1937–38	Panama Canal: Number of transits 1938–39	Panama Canal: Percent Increase	Panama Canal: Percent Decrease
May	567	479	.....	15.5	544	465	.....	14.5
June	540	469	.....	13.1	472	445	.....	5.7
July	551	509	.....	7.6	457	429	.....	6.1
August	531	522	.....	1.7	505	468	.....	7.3
September	522	508	.....	2.7	444	438	.....	0.9
October	557	540	.....	3.1	461	494	7.2	.....
November	526	495	.....	5.9	435	505	16.1	.....
December	541	503	.....	7.0	439	509	15.9	.....
January	544	472	.....	13.2	444	525	18.2	.....
February	508	496	.....	2.4	436	501	14.9	.....
March	578	536	.....	7.3	506	553	9.3	.....
April	516	509	.....	1.4	487	496	1.8	.....
Total	6,481	6,038	.....	6.8	5,630	5,828	3.5	.....

Official Publications of Interest to Shipping

Masters may obtain from the office of the Captain of the Port, at either Cristobal or Balboa, without charge, the "Rules and Regulations Governing Navigation of the Panama Canal and Adjacent Waters," and the current tariff of charges at the Canal for supplies and services.

Requests for Canal publications sent by mail should be addressed to: The Panama Canal, Balboa Heights, C.Z.; or, when more convenient, to The Panama Canal, Washington, D.C.

The Hydrographic Office at Cristobal maintains at all times a complete stock of navigational charts and books, including charts of all parts of the world, sailing directions of the world, nautical tables, light lists, tide tables, nautical almanacs, etc.

At the office of the Port Captain in Balboa, a limited stock of navigational charts, books, etc., is also carried, and this office is in a position to fill practically any order in this connection that a ship might place.

Copies of current issues of Pilot Charts, Notices to Mariners, and Hydrographic Bulletins may be obtained in return for marine information.

Observations of weather, ocean currents, and other marine data collected, and blanks, instructions, barometer comparisons, etc., furnished.

Correct time is maintained and chronometers rated.

Tolls Charges for Transit of the Panama Canal

(Effective March 1, 1938)

1. Complete transit (one way):
   (a) Merchant vessels, yachts, army and navy transports, colliers, hospital ships, and supply ships, when carrying passengers or cargo—
   Per net vessel-ton of 100 cubic feet each of actual earning capacity—that is, the net tonnage determined in accordance with the Rules for the Measurement of Vessels for the Panama Canal $0.90
   (b) Vessels in ballast without passengers or cargo—
   Per net vessel-ton ..... .72
   (c) Other floating craft, including warships, other than transports, colliers, hospital ships, and supply ships—
   Per ton of displacement ..... .50
2. Part transit:
   Vessels returning from Gatun Lake to original point of entry into the Canal, without passing through the locks at the other end, are charged tolls for one passage only.
3. Free transit:
   Vessels transiting the Panama Canal by prearrangement from Cristobal to Balboa and return for the sole purpose of having repairs made at Balboa drydock and shops will be exempt from payment of tolls, but a charge will be made for pilotage and for handling lines as provided for in the current tariff or supplements thereto.

Coal

Coal, bunker, U. S. Navy Standard Pool No. 1, run-of-mine, Pocahontas, or New River, is supplied to steamships, including warships of all nations, trimmed in bunkers at the following prices, per ton of 2,240 pounds: Cristobal, first 250 tons, $7.75 per ton; second 250 tons, $7 per ton; balance over 500 tons, $6.50 per ton. Balboa, first 250 tons, $10.75 per ton; second 250 tons, $10 per ton; balance over 500 tons, $9.50 per ton.

Extra charges are made in accordance with a published tariff for special trimming at the request of the officers of the ship, for galley, lump, or run-of-mine coal in sacks, and for delivery, when coal is furnished from lighters or launches away from the coaling piers.

Coal can be bunkered by bunkering machines at any rate up to 1,500 tons per hour, regulated by the amount of necessary trimming.

Coal for cargo is sold under the same conditions and at prices quoted for sale of coal for bunkers.

Prices of Miscellaneous Supplies at Panama Canal Storehouses

The following are prices to individuals and companies, as of May 11, 1939:

Commodities	Unit	Price
Brass, bar, average	Lb.	$0.23
Brass, sheet, average	Lb.	.30
Bronze, Tobin, average	Lb.	.22
Gasoline, motor grade	Gal.	.10
Metal, yellow	Lb.	.26
Oakum, Navy, spun	Lb.	.18
Oakum, Navy, unspun	Lb.	.18
Oil, gun and ice machine	Gal.	.31
Oil, engine, gas, light, in drums, No. 2135	Gal.	.28
Oil, engine, gas, extra heavy, in cases, No. 2250	Gal.	.32
Oil, engine, gas, extra heavy, in drums, No. 2250	Gal.	.30
Oil, kerosene, in drums	Gal.	.10
Oil, marine, engine	Gal.	.50
Paint, lead, white, dry	Lb.	.11
Paint, lead, white, in oil	Lb.	.12
Paint, zinc oxide, dry	Lb.	.09
Paint, zinz oxide, in oil	Lb.	.12
Grease, gear, chain and wire rope, lubricating	Lb.	.05
Grease, yellow, cup, medium	Lb.	.07
Grease, yellow, cup, hard	Lb.	.07
Soda, ash	Lb.	.03
Waste, cotton, colored	Lb.	.11
Waste, cotton, white	Lb.	.13

Lubricating Oils

The following is a list of the different kinds of lubricating oil carried in stock at Panama Canal storehouses, and a brief description of each of the oils with a statement of the purpose for which it is generally used.

Requisitions and orders for oils placed with the storekeepers should state the name (including number, if any) of the oil desired exactly as given on the following list:

STATEMENT OF STANDARD LUBRICATING OILS AND THEIR USES

OILS, FORCE FEED AND MOTOR CYLINDER

Medium, No. 2135.—A medium oil for the lubrication of main turbines not driving through reduction gears, dynamos, and small internal combustion engines. Not to be used for steam cylinder lubrication.

Heavy, No. 2190.—A heavy oil that will separate quickly from water. For the lubrication of turbines with reduction gears, medium size internal combustion engines, and forced feed on main engines. A heavy bodied oil for use on auxiliary equipment.

Extra heavy, No. 2250.—An extra heavy oil for the lubrication of medium size internal combustion engines, power cylinders, air compressors, and bearings of Diesel engines.

Ultra heavy, No. 2310.—An ultra heavy oil for the lubrication of power cylinders, air compressors, and bearings of large Diesel engines.

Tractor, heavy, No. 3100.—A very heavy body oil for aircraft engines, high speed gasoline engines, motor trucks, motor boats, motor cycles, and Diesel engines S. A. E.-50.

Diesel engine lubricating.—For Diesel engines.

OILS, MISCELLANEOUS

Ammonia cylinder (gun and ice machine grade No. 125).—A refined petroleum oil without the admixture of fatty oils, resins, soap, or other compounds not derived from petroleum. For the lubrication of the cylinders of ice machines, pneumatic tools, and hydraulic systems.

Car and locomotive.—A lubricant on journals of all cars, passenger coaches, steam and electric locomotives.

Castor.—Grade "A." Used for lubricating purposes of the highest grade.

Cutrite, soluble cutting.—A mixture of soluble alkali soap in mineral and fixed saponifiable oils. For use in turret lathes and bolt machines.

Fish.—Used as a rust preventative and for tempering.

Lard.—For use on pipe cutting and threading machines.

Insulating.—Switch (Electrical Division).

Insulating.—Transformer (Electrical Division).

Lubricant (gear, chain and wire rope).—For lubrication and protection of chains, wire rope, and gears of cranes, dredges, steamshovels, etc.

Machine, odorless.—For use on typewriters.

Marine engine, No. 4065, compounded.—A compound of mineral with vegetable oil for the lubrication of reciprocating engines and auxiliaries where oiling is done by hand or through wick feed or drop oilers, also for thrust bearings. Must not be used for circulating of forced feed systems.

Mineral steam cylinder, No. 5150.—For use on reciprocating steam engines using dry saturated steam. For noncondensing steam engine cylinder lubrication (valve oil).

Mineral steam cylinder, superheated.—For use on reciprocating steam engines using superheated steam.

Neatsfoot.—For softening and preserving leather.

Solvent.—Rust-preventing lubricant, for general use.

Sperm.—Used principally by U. S. Navy.

Dispensary Hours

Location	Week days		Sundays and holidays
	Morning	*Afternoon*	*Morning*
Ancon	8:00–11:00	3:00–5:00	9:00–10:00
Balboa	8:00–11:00	3:00–5:00	9:00–10:00
Colon	8:00–11:00	3:00–5:00	8:00–10:00
Gatun	8:00–11:00	3:00–5:00	8:30– 9:30
Gamboa	8:00–11:00	3:00–5:00	9:00–10:00
Pedro Miguel	8:00–11:00	3:00–5:00	9:00–10:00

Gorgas Hospital Out-Patient Clinic Hours

	Daily, except Sundays and holidays	
	Morning	*Afternoon*
Medical Clinic	*11:00–12:00	*2:00–4:00
Branch Medical Clinic, by appointment only	8:00–12:00	1:00–4:00
(Consultations only on Saturday, 8–12 a. m.)		
Allergy Clinic, by appointment only, Thursday	.....	1:00–3-30
Surgical Clinic	.....	2:00–3:00
Eye, Ear, Nose and Throat Clinic, white patients	.....	*2:00–3:00
Eye, Ear, Nose and Throat Clinic, colored patients	*8:00–12:00	.....
X-Ray Clinic	8:00–12:00	1:00–4:00
Radio-Therapy Clinic	8:00–12:00	1:00–4:00
Hydro-Therapy Clinic	8:00–12:00	1:30–4:00
Silver Dental Clinic	8:00–12:00	1:00–4:00

* And by appointment.

Colon Hospital and Dispensary Clinic Hours

	Week days		Sundays and holidays
	Morning	*Afternoon*	*Morning*
Eye, Ear, Nose and Throat Clinic	10:30–12:00	*1:00–4:00	8:00–10:00
Gold Clinic	8:30–11:00	3:00–5:00	8:00–10:00
Silver Clinic	8:00–11:00	3:00–5:00	8:00–10:00
Surgical Clinic	.....	1:00–4:00	.....
Maternity and Children's	8:30–11:00	3:00–5:00	.....
Silver Dental Clinic	8:00–12:00	2:00–5:00	.....
X-Ray	11:00–12:00	2:00–3:00	.....

* Excepting Fridays

Visiting Hours, Colon Hospital

Section and Ward	Visiting Hours
Ward A, male, white (ward and semiprivate rooms)	Daily, 2 to 4 p. m.; 6:30 to 8 p. m.
Ward C, male and female, white (ward and private rooms) (No visitors allowed in nursery)	Daily, 2 to 4 p. m.; 6:30 to 8 p. m.
Ward B, female, colored (ward and semiprivate rooms)	Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p. m.
Ward E, male, colored	Tuesday, Thursday, Sunday, and holidays, 2 to 3:30 p. m.

Visiting Hours, Corozal Hospital for the Insane

Sundays, Wednesdays, and holidays:
9 a. m. to 10:30 a. m.
1 p. m. to 3:30 p. m.

Hours of Departure of Passenger Trains

Following are the hours of departure of the regular passenger trains of the Panama Railroad running between the Atlantic and the Pacific sides:

From Colon: Daily, 7:00 a. m.; 11 a. m.; 5 p. m.; 10 p. m.

From Panama: Daily, 7:05 a. m.; 1:10 p. m.; 5 p. m.; 7:55 p. m.

The time required for passage from one terminal to the other is 1 hour and 25 minutes.

Binders for The Panama Canal Record

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Traffic Through the Panama Canal in June 1939

The total vessels of all kinds transiting the Panama Canal during the month of June 1939, and for the same month in the two preceding years, are shown in the following tabulation:

	June 1939			June	
	Atlantic to Pacific	Pacific to Atlantic	Total	1938	1937
Ocean-going commercial traffic	249	230	479	445	472
Small commercial vessels [1]	40	35	75	93	79
Noncommercial vessels:					
United States Government	22	15	37	32	41
Panamanian Government	.....	.....	.....	1	.....
Colombian Government	.....	2	2	.....	.....
For repairs	3	4	7	.....	3
Total	314	286	600	571	595

[1] Vessels under 300 net tons, Panama Canal measurement.

OCEAN-GOING COMMERCIAL TRAFFIC [2]

The following tabulation shows the number of vessels, Panama Canal net tonnage, tons of cargo carried, and tolls collected from the ocean traffic transiting the Canal each month of the fiscal year ended June 30, 1939, as compared with the fiscal year ended June 30, 1938:

Month	No. of vessels		Panama Canal net tonnage		Tons of cargo		Tolls	
	1938–9	1937–8	1938–9 [3]	1937–8 [4]	1938–9	1937–8	1938–9	1937–8
July	429	457	1,933,816	2,216,000	2,025,660	2,476,366	$1,694,205.00	$2,029,642.45
August	468	505	2,177,699	2,402,000	2,171,674	2,780,603	1,890,050.74	2,195,308.87
September	438	444	2,005,241	2,139,000	1,998,464	2,385,142	1,741,895.46	1,935,673.78
October	494	461	2,276,194	2,182,000	2,359,673	2,438,788	1,977,706.76	1,981,087.87
November	505	435	2,302,333	2,110,000	2,223,830	2,185,283	1,984,014.72	1,893,462.00
December	509	439	2,336,011	2,070,000	2,374,395	2,046,170	2,031,017.04	1,845,048.20
January	525	444	2,380,916	2,053,000	2,393,360	2,095,402	2,062,454.16	1,837,894.72
February	501	436	2,282,318	1,993,000	2,206,963	1,998,827	1,996,735.66	1,786,611.45
March	553	506	2,586,580	[3]2,311,526	2,664,068	2,268,548	2,252,156.28	2,015,585.34
April	496	487	2,278,326	[3]2,258,836	2,472,504	2,279,235	1,999,851.16	1,961,456.58
May	506	465	2,341,894	[3]2,150,228	2,538,949	2,309,171	2,053,502.16	1,886,825.66
June	479	445	2,268,679	[3]2,064,793	2,437,087	2,122,389	1,977,431.94	1,801,291.78
Total	5,903	5,524	27,170,007	25,950,383	27,866,627	27,385,924	23,661,021.08	23,169,888.70

[2] Ocean-going commercial traffic includes only tolls-paying vessels of 300 net tons and over, Panama Canal measurement.

[3] Panama Canal net tonnage as figured under rules which became effective March 1, 1938.

[4] Estimated tonnage under rules which became effective March 1, 1938.

SMALL COMMERCIAL TRAFFIC

The following tabulation covers small commercial vessels under 300 net tons (Panama Canal measurement), which transited the Panama Canal during the month of June 1939. These vessels, although paying tolls, are omitted from statements concerning ocean-going traffic:

	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
Atlantic to Pacific	40	2,024	$1,643.22	448
Pacific to Atlantic	35	1,859	1,632.78	2,172
Total	75	3,883	3,276.00	2,620

Traffic by Nationality of Vessels [5] for June 1939

Nationality	No. of transits	Panama Canal net tonnage	Tolls	Tons of cargo
British	98	509,325	$449,453.52	551,215
Chilean	2	10,032	9,028.80	5,595
Danish	13	50,057	43,192.98	45,504
French	8	40,400	35,168.22	48,073
German	30	126,799	111,513.96	129,965
Greek	10	51,888	44,891.82	68,896
Honduran	4	6,486	5,837.40	3,910
Italian	3	17,890	16,101.00	9,063
Japanese	25	162,965	141,589.44	174,934
Netherland	21	41,921	36,662.22	23,971
Norwegian	53	264,327	229,779.36	344,320
Panamanian	18	31,198	26,786.88	39,045
Philippine	1	4,805	4,324.50	8,466
Soviet	2	6,472	5,824.80	5,954
Swedish	12	50,748	42,561.18	59,357
United States	175	877,506	761,965.02	905,204
Yugoslav	4	15,860	12,750.84	13,615
Total	479	2,268,679	1,977,431.94	2,437,087

[5] Tolls-paying vessels of 300 net tons or over, Panama Canal measurement.

Traffic by Trade Routes for June 1939

The movement of vessels over the various trade routes contributory to the Canal is summarized in the table below. In connection with this table the traffic passing through the Canal has been segregated according to the primary origin and ultimate destination of the voyage and the cargo listed is the total aboard at the time of transit. As cargo frequently is laden or discharged at ports en route, the cargo tonnage figures shown opposite each trade route do not necessarily show the actual cargo tonnage passing through the Canal between the two terminal areas indicated by the trade route:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	71	367,420	215,802	60	297,977	427,374
East coast United States and:						
Canada	2	9,071	2,748	2	9,251	13,424
Central America/Mexico	3	4,828	6,050	4	6,554	3,041
South America	15	67,182	14,996	16	64,326	173,839
Hawaiian Islands	4	19,642	14,749	2	9,350	16,794
Australasia	5	28,606	27,163	.....	.....	.....
Philippine Islands	9	47,541	45,340	20	103,248	155,449
Far East	22	112,222	169,209	3	16,975	20,884
East coast Canada and:						
United States	1	3,259	.....	1	6,899	14,306
South America	1	1,789	1,982	1	4,359	7,500
Australasia	5	24,863	25,283	1	6,640	2,543
Philippine Islands	2	11,831	11,489	.....	.....	.....
Far East	2	10,462	16,378	.....	.....	.....
Central America/Mexico intercoastal	1	6,264	11,872	1	6,264	.....
South America intercoastal	4	8,983	13,854	1	452	.....
East coast South America and:						
United States	1	4,567	6,940	1	1,354	1,806
Canada	2	9,845	9,203	1	4,559	4,355
Balboa	1	6,863	12,875	.....	.....	.....
Far East	3	17,847	17,921	1	5,396	8,163
Cristobal and:						
Central America/Mexico	4	2,692	3,162	5	3,438	4,186
South America	14	9,032	4,660	17	11,159	10,644
West Indies and:						
United States	2	11,979	198	1	4,939	10,017
South America	4	17,424	19,073	1	7,411	14,466
Australasia	1	4,469	7,500	.....	.....	.....
Europe and:						
United States	13	72,040	7,113	5	30,508	55,622
Canada	22	125,377	40,291	43	217,107	337,537
Central America/Mexico	.....	.....	.....	2	5,366	5,230
South America	21	111,714	50,169	25	131,755	206,125
Hawaiian Islands	.....	.....	.....	2	14,964	31,174
Australasia	6	47,685	44,672	8	53,102	49,610
Far East	4	26,588	13,231	4	23,066	30,146
Egypt and South America	1	3,766	4,834	.....	.....	.....
Around the world	2	14,734	7,078	1	5,919	7,017
Foreign vessels in ballast (United States intercoastal)	1	5,117	.....	.....	.....	.....
Vessels not engaged in commerce	.....	.....	.....	[6] 1	639	.....
Total	249	1,215,702	825,835	230	1,052,977	1,611,252

[6] Yacht.

Origin and Destination of Cargo by Major Areas, June 1939

The following table summarizes the origin of cargo passing through the Canal in June 1939, and its destination by major geographical trade areas:

ATLANTIC TO PACIFIC

Origin	Tons of cargo destined for—					Total
	United States	Other North America	Asia	South America	Australasia	
North America:						
United States	222,386	21,676	238,912	15,532	25,038	523,544
Other North America	2,453	17,520	9,502	31,816	34,908	96,199
Europe	26,847	19,371	8,137	41,853	44,275	140,483
Miscellaneous	14,777	13,956	17,820	18,659	397	65,609
Total	266,463	72,523	274,371	107,860	104,618	825,835

PACIFIC TO ATLANTIC

Origin	Tons of cargo destined for—				Total
	United States	Other North America	Europe	Miscellaneous	
North America:					
United States	415,136	39,877	161,401	8,583	624,997
Canada	13,424	3,714	225,077	2,393	244,608
Other North America	18,424	5,732	37,821	.....	61,977
South America	170,763	37,767	203,954	90	412,574
Australasia	1,987	1,293	48,873	.....	52,153
Asia	181,769	3,357	29,304	513	214,943
Total	801,503	91,740	706,430	11,579	1,611,252

Principal Commodities

Commodities in transit through the Canal which aggregated 10,000 or more tons either during June 1939 or June 1938 are listed below:

Commodity	June		Commodity	June	
	1939	1938		1939	1938
Atlantic to Pacific			*Pacific to Atlantic*—Continued		
Automobiles and parts	18,948	17,555	Beans, edible, dry	12,885	10,414
Canned food products	11,846	7,064	Canned food products	66,895	53,483
Cement	14,121	10,334	Coffee	20,078	16,838
Chemicals	13,914	8,069	Cold storage (food products) [9]	22,446	52,293
Coal and coke	18,215	10,203	Copra	3,399	14,128
Cotton, raw	19,703	11,360	Fruit, dried	13,382	21,835
Iron and steel	121,956	111,908	Fruit, fresh [10]	9,271	32,832
Machinery	11,586	12,139	Guano	10,730	.....
Manufactured goods [7]	17,912	18,938	Lumber	333,368	225,821
Metals, various	18,430	34,630	Metals, various	56,340	60,783
Oils, mineral	95,082	44,164	Molasses and syrups	31,174	700
Ores	2,188	11,994	Nitrates	67,475	80,946
Paper	39,391	36,869	Oats	10,020	6,054
Phosphates	14,033	13,788	Oils, mineral	263,893	270,516
Railroad material	10,862	2,871	Oils, vegetable	19,410	14,578
Scrap metal	133,214	93,306	Ores	166,844	189,628
Sulphur	21,282	33,479	Paper	13,157	11,963
Textiles [8]	12,131	7,520	Phosphates	13,170	7,500
Tinplate	26,015	25,418	Soy beans	12,570	13,155
			Sugar	169,838	136,824
Pacific to Atlantic			Wheat	112,288	42,198
Asphalt and tar	10,529	18,759	Wood pulp	23,638	18,418
Barley	15,386	28,758	Wool	16,215	20,567

[7] Except as otherwise classified. [8] Cotton, silk, wool, rayon goods. [9] Except fresh fruit. [10] Does not include bananas.

Commodities in Detail

The following statement lists all commodities passing through the Canal during the month of June 1939, as reported in the cargo declarations showing the movement by directions, in the United States intercoastal trade and in the total traffic. In the cargo declarations, from which these commodity statistics are compiled, small items

are frequently grouped under the designation of "general cargo;" the statistics are accordingly not precise but are indicative of the kinds and quantity of cargo in transit through the Canal. The figures are for tons of 2,240 pounds:

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Aircraft and parts	.....	.....	.....	265
Agricultural implements	227	139	3,180	145
Alfalfa meal	.....	516	.....	753
Ammonium compounds	647	.....	5,918	1,200
Animal foods [11]	.....	314	.....	314
Apparel, wearing (hats, shoes, clothing, etc.)	8	.....	12	.....
Asbestos	649	91	2,172	91
Asphalt and tar	108	9,986	3,349	10,529
Automobiles (and autotrucks)	1,436	.....	12,054	15
Automobile parts and accessories	335	4	6,894	5
Bags and bagging, textile	483	93	1,140	93
Bamboo and products	.....	.....	.....	236
Bananas	.....	.....	4	1,107
Barks, miscellaneous	.....	17	.....	516
Barley	.....	.....	117	15,386
Beans, edible, dry	.....	3,037	22	12,885
Beer	743	.....	832	.....
Blood and tankage	.....	.....	.....	67
Bones and bone meal	.....	27	2,111	27
Books and printed matter	98	.....	183	5
Borax	.....	427	275	6,895
Bran and pollards	.....	91	.....	1,778
Bricks and tile	149	.....	671	.....
Camphor, crude	.....	.....	.....	91
Canned and preserved goods:				
Fish	146	6,054	485	9,315
Fruit	1,801	17,047	1,869	32,796
Meat	65	17	1,675	1,067
Milk	.....	.....	555	36
Soup	3,364	221	3,488	221
Vegetables	724	7,801	1,392	8,237
Miscellaneous and unclassified	2,023	12,463	2,382	15,223
Carbon black	49	.....	1,192	.....
Celite	.....	582	.....	649
Cement	611	.....	14,121	.....
Chalk	.....	.....	808	.....
Charcoal	66	.....	191	.....
Chemicals [11]	4,441	766	13,914	2,985
Clay, china and fire	827	899	1,001	1,480
Clay, filtering	.....	131	.....	131
Coal	2,423	.....	10,601	20
Cocoa and cacao beans	462	.....	1,043	2,762
Coconuts and products [11]	.....	1,189	210	2,977
Coffee	288	13	8,156	20,078
Coke	513	.....	7,614	.....
Cold storage and refrigerated products:				
Dairy products	.....	.....	87	6,808
Eggs	.....	.....	.....	199
Fish	45	.....	59	503
Lard	865	.....	936	4
Meats	10	31	349	14,163
Poultry	.....	70	.....	70
Vegetables	.....	.....	1	694
Other and unclassified	20	.....	65	5
Confectionery	1,414	.....	1,425	2
Copra	.....	.....	.....	3,399
Corn	.....	.....	578	2,459
Cotton, raw	35	499	19,703	8,757
Creosote	60	.....	64	.....
Drugs and medicines	2,117	107	2,740	114
Dyes	.....	.....	60	.....
Earthenware	22	11	64	116
Eggs, dried	50	.....	50	6
Electrical apparatus and appliances	1,929	299	3,506	393
Enamelware and metalware	748	64	1,331	240
Explosives	180	.....	746	.....
Extract, quebracho	.....	.....	1,900	.....
Fertilizers [11]	104	22	1,808	139
Fish meal	56	.....	253	1,285
Floor coverings	2,388	602	3,080	755
Flour	92	6,644	4,545	7,584
Fruit, dried	39	6,232	46	13,382
Fruit, fresh [11]	6	2,443	23	9,271
Furniture and household goods	514	149	708	155
Gallnuts	.....	.....	.....	10

[11] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
General	13,305	5,492	49,339	14,701
Glass and glassware	2,207	58	5,172	799
Glue	50	33	55	33
Grains [11]	.....	.....	.....	307
Groceries	1,100	385	2,078	787
Guano	.....	.....	.....	10,730
Gums	.....	44	.....	183
Hair, all kinds	70	44	85	193
Hay	.....	142	17	217
Hemp, unmanufactured	21	13	96	2,459
Honey	.....	29	10	446
Hops	.....	.....	.....	4
Horns and hoofs	.....	.....	.....	10
Infusorial earth	.....	467	.....	818
Iron and steel, manufactures of (structural steel, plates, bars, angles, pipe, etc.)	72,287	224	121,956	933
Ivory nuts	.....	.....	132	1,719
Jute, unmanufactured	.....	6	52	6
Lard substitute	287	.....	287	35
Lime	40	.....	40	31
Liquors	2,613	35	4,297	37
Lumber (including manufactured mill products)	2,285	159,283	7,481	333,368
Machinery	2,463	220	11,586	367
Malt	.....	.....	198	.....
Manufactured goods [11]	6,744	634	17,912	2,999
Marble and granite	.....	3	56	3
Matches	219	77	257	77
Metals:				
Antimony	.....	.....	.....	101
Copper	707	4,884	2,873	31,887
Gold and silver	.....	.....	3	155
Iron	1,660	20	9,994	20
Lead	.....	1,488	257	14,926
Tin	177	162	337	1,317
Zinc	227	.....	476	7,740
Other and unclassified	676	185	4,490	194
Milk, powdered	.....	737	.....	909
Molasses and syrups	402	.....	481	31,174
Nitrate	.....	.....	2,261	67,475
Nuts, edible (including meats)	.....	68	342	239
Oats	72	45	77	10,020
Oils, mineral:				
Crude	50	.....	3,839	61,112
Gas and fuel	14	39,238	56,265	48,970
Gasoline, benzine, and naphtha	84	55,800	4,168	140,262
Kerosene	.....	.....	50	12,578
Lubricating and greases	17,171	948	30,760	971
Oils, vegetable:				
Coconut	.....	.....	77	13,004
Linseed	314	.....	1,510	.....
Olive	75	.....	267	.....
Peanut	.....	.....	6	.....
Rapeseed	.....	.....	.....	203
Teaseed	.....	21	.....	43
Wood	25	21	27	621
Other and unclassified	122	497	3,054	5,539
Oil, fish	99	27	247	129
Oil, whale	.....	.....	.....	588
Oilseeds (cotton, flax, hemp, sesame, rapeseed, etc.)	64	.....	7,385	2,114
Oilseed cake and meal	4,055	.....	4,055	4,187
Ores:				
Antimony	23	.....	23	510
Chrome	.....	.....	.....	3,150
Copper	.....	649	.....	1,958
Gold and silver	.....	.....	.....	4
Iron	.....	.....	967	132,790
Lead	.....	.....	.....	5,669
Magnesite	.....	1,727	.....	1,727
Manganese	325	.....	511	4,117
Tin	.....	.....	.....	2,172
Zinc	70	.....	160	13,473
Other and unclassified	.....	.....	527	1,274
Paints and varnishes	1,330	111	2,755	238
Paper and paper products [11]	10,809	7,154	39,391	13,157
Peanuts	1,202	.....	1,202	218
Peas, dry	.....	.....	28	3,725
Peatmoss	.....	.....	845	.....
Phosphates	270	.....	14,033	13,170
Plaster	.....	.....	80	11
Porcelainware	406	44	1,552	2,162

[11] Except as otherwise classified.

Commodity	United States intercoastal		Total for all trade routes including U. S. intercoastal	
	Atlantic to Pacific	Pacific to Atlantic	Atlantic to Pacific	Pacific to Atlantic
Potash	.....	196	.....	1,146
Pyrethrum flowers	.....	.....	.....	46
Rags and waste	251	76	2,259	278
Railroad material	3,583	.....	10,862	.....
Rice	910	447	940	3,262
Rope and twine	188	122	982	274
Rosin	872	.....	3,585	45
Rubber:				
Manufactured	1,025	206	1,759	277
Raw	.....	.....	42	2,940
Scrap	.....	.....	1,875	70
Salt	276	348	5,284	348
Sand	66	.....	1,774	11
Scrap metal	374	511	133,214	1,395
Seeds (except oilseeds)	447	160	743	847
Shells, oyster	410	10	441	10
Silk, raw	.....	213	7	1,692
Skins and hides	.....	2,414	298	4,672
Slate	1,096	.....	1,096	.....
Soaps and products	1,705	63	1,748	204
Soda and sodium compounds:				
Soda, ash	212	.....	859	392
Soda, caustic	796	.....	2,090	165
Miscellaneous and unclassified	693	19	1,843	134
Soy beans	175	.....	175	12,570
Spices	67	.....	82	1
Sugar	45	23,312	8,235	169,838
Sulphur	15,800	45	21.282	375
Talc	32	26	101	513
Tallow	2	612	49	2,062
Tea	114	18	129	267
Textiles [12]	3,228	47	12,131	3,437
Tinplate	10,758	27	26,015	152
Tobacco and manufactures	300	46	5,077	1,086
Toilet preparations	171	.....	173	100
Turpentine	92	.....	698	.....
Vegetables, dry [11]	.....	.....	.....	342
Wall board	188	.....	827	7
Wax, paraffin	307	.....	1,342	158
Wheat	.....	51	2	112,288
Wines	27	1,090	685	1,837
Wood pulp	602	16,855	6,717	23,638
Wool	74	8,109	175	16,215
Total, June 1939	222,386	415,136	825,835	1,611,252
Total, June 1938	167,389	285,429	661,250	1,461,139
Total, June 1937	329,393	386,005	1,168,490	1,501,976

[11] Except as otherwise classified. [12] Cotton, silk, wool, rayon goods.

Tanker Traffic

The following tabulation shows, according to trade routes, the tanker traffic through the Canal during the month of June 1939:

Trade route	Atlantic to Pacific			Pacific to Atlantic		
	No. of ships	Panama Canal net tonnage	Tons of cargo	No. of ships	Panama Canal net tonnage	Tons of cargo
United States intercoastal	20	116,547	9,230	10	57,716	[13] 107,140
East coast United States and:						
South America	1	5,062	.....	.....	.....	.....
Philippine Islands	.....	.....	.....	1	3,864	[14] 6,690
East coast Canada and:						
United States	.....	.....	.....	1	6,899	14,306
South America	.....	.....	.....	1	4,359	7,500
Central America/Mexico intercoastal	1	6,264	11,872	1	6,264	.....
South America intercoastal	1	6,224	12,353	.....	.....	.....
East coast South America and Balboa	1	6,863	12,875	.....	.....	.....
West Indies and:						
United States	2	11,979	198	1	4,939	10,017
South America	3	15,250	19,073	1	7,411	14,466
Europe and:						
United States	4	23,428	.....	4	25,741	48,022
South America	3	20,303	.....	6	35,887	71,029
Hawaiian Islands	.....	.....	.....	2	14,964	[15] 31,174
Total	36	211,920	65,601	28	168,044	310,344

[13] Includes 9,902 tons of cutback asphalt. [14] Coconut oil. [15] Molasses.

Comparison of Canal Traffic in June 1939, with June Traffic in Previous Years

(Ocean-going commercial vessels of 300 or more net tons, Panama Canal measurement)

Calendar year	Month of June			Fiscal year	Average per month for fiscal year		
	No. of transits	Panama Canal net tonnage	Tons of cargo		No. of transits	Panama Canal net tonnage	Tons of cargo
		(000 omitted)	(000 omitted)			(000 omitted)	(000 omitted)
1915	[16] 140	461	567	1915	[17] 100	334	466
1916	120	352	483	1916	60	184	258
1917	165	488	630	1917	145	447	588
1918	166	531	629	1918	165	506	627
1919	154	478	586	1919	162	472	576
1920	190	651	834	1920	199	659	781
1921	189	704	695	1921	232	879	966
1922	222	897	977	1922	222	880	907
1923	412	1,883	2,096	1923	325	1,434	1,631
1924	374	1,782	2,023	1924	429	2,016	2,249
1925	365	1,622	1,920	1925	382	1,761	1,996
1926	401	1,839	2,133	1926	424	1,909	2,169
1927	433	1,990	2,228	1927	441	2,020	2,311
1928	473	2,060	2,139	1928	521	2,269	2,468
1929	494	2,175	2,423	1929	524	2,299	2,554
1930	468	2,180	2,147	1930	502	2,310	2,502
1931	384	1,903	1,757	1931	447	2,140	2,089
1932	318	1,611	1,404	1932	364	1,820	1,650
1933	341	1,758	1,690	1933	347	1,758	1,513
1934	366	1,867	1,767	1934	436	2,201	2,059
1935	405	1,974	2,081	1935	432	2,143	2,109
1936	481	2,265	2,460	1936	449	2,160	2,209
1937	472	2,266	2,670	1937	449	2,224	2,342
1938	445	2,065	2,122	1938	460	2,163	2,282
1939	472	2,269	2,437	1939	492	2,264	2,322

[16] Canal opened August 15, 1914. [17] Average for 10½ months.

Terminal Activities

Ships repaired during the month of June 1939, numbered 68. Vessels released from drydock numbered 16. Fuel oil amounting to 253,421 barrels was delivered as bunkers to 128 commercial vessels. Bunker coal amounting to 5,414 tons was delivered to 24 commercial ships. Sales of commissary supplies to ships aggregated $48,293.

Cargo Handled at Terminal Ports

	Cristobal	Balboa	Total
Local cargo arriving ... tons	21,739	8,471	30,210
Local cargo shipped ... tons	2,805	373	3,178
Cargo received for transshipment ... tons	54,406	521	54,927
Cargo trransshipped ... tons	51,962	489	52,451
"Canal Zone for Orders" cargo:			
Number of receipts issued	6	2	8
Number of releases issued	52	15	67
Tons received	38	6	44
Tons withdrawn	34	5	39

All Vessels Entering and Clearing Port

	Port of Cristobal			Port of Balboa		
	No. of ships	Registered gross tonnage	Registered net tonnage	No. of ships	Registered gross tonnage	Registered net tonnage
Ships entering						
All vessels, including those transiting Canal	567	3,336,658	2,035,744	519	3,042,841	1,884,182
Vessels entering port but not transiting Canal	70	372,616	206,957	7	12,419	7,213
Vessels transiting Canal and handling passengers and cargo at terminal ports	158	866,255	522,709	104	662,919	404,171
Ships clearing						
All vessels, including those transiting Canal	567	3,379,377	2,076,975	527	3,052,136	1,891,157
Vessels clearing port but not transiting Canal	68	350,049	193,846	6	10,304	6,197
Vessels transiting Canal and handling passengers and cargo at terminal ports	160	910,435	558,339	108	674,737	411,083

Cargo Discharged and Laden at Terminal Ports

The following is a report of tons of cargo discharged and/or laden at Cristobal and Balboa during the month from midnight June 10, 1939, to midnight July 10, 1939. Figures after names of vessels show, respectively, tons discharged and tons laden:

CRISTOBAL

Rita, 4,235, 0
West Cactus, 0, 143
Santa Paula, 174, 284
Quirigua, 10, 12
Colombie, 211, 36
Kansai Maru, 156, 161
Orbita, 48, 277
O. A. Brodin, 371, 0
Marconi, 60, 0
American Press, 952, 417
City of Newport News, 188, 0
Contessa, 577, 642
Trois Ilets, 311, 79
Santa Clara, 642, 0
San Felipe, 148, 14
Choluteca, 0, 154
Platano, 1,398, 233
Observer, 301, 0
Nuernberg, 55, 780
Colombie, 1, 1,173
Panama, 2,340, 1,060
Santa Barbara, 375, 27
Komaki Maru, 402, 0
Lochkatrine, 556, 181
Chiriqui, 171, 726
Oropesa, 38, 504
Dresden, 53, 380
Clio, 0, 371
Quito, 0, 358
Colombia, 778, 462
Pereira, 641, 860
Ulua, 760, 120
Bogota, 1,211, 0
D.G.Scofield,13,002, 0
Marconi, 60, 0
Ino, 596, 78
West Cape, 0, 661
Real, 0, 14
Yamakaze Maru,619, 0
Ville D'Amiens, 0, 17
Santa Elena, 301, 354
Jamaica, 11, 16¼
Nevada, 391, 342
Plato, 3, 187
Rufina, 4,172, 0
Cefalu, 486, 525
Ivaran, 116, 0
Santa Maria, 441, 10
Lochgoil, 151, 655
Lagarto, 1, 92
Pasajero, 0, 9
Musa, 960, 204
Boskoop, 75, 620
Huascaran, 126, 1,063
Acajutla, 630, 683¼
R. L. Hustler, 1½, 0
Santa Inez, 380, 125
Talamanca, 275, 992
Frederic R. Kellogg, 850, 0
Ancon (old), 1,255, 729
Maui, 238, 0
Orotava, 130, 399
Cellina, 168, 0
Nero, 201, 162
Colombia, 783, 165
Marconi, 60, 0
Muensterland, 15, 200
Bogota, 0, 22 (pkgs.)
La Brea, 6½, 0
Telde, 517, 57
Santa Marta, 152, 103
Fella, 326, 298
Patricia, 68, 690
Texas, 726, 4
Cerigo, 1,230, 263
Ino, 353, 311
John Bakke, 0, 440
Atlantian, 230, 0
Este, 80, 261¼
Pericles, 35, 807
Benjamin Franklin, 15, 523
Sona, 0, 82
Douro, 133, 294
Cadmus, 0, 344
San Jose, 136, 74
Kirisima Maru, 491, 0
Schwaben, 39, 162
Abraham Lincoln, 278, 334
Trois Ilets, 367, 12
Margaret Lykes, 848, 765
Axel Johnson, 134, 148
Veragua, 5, 222
Santa Rosa, 80, 456
Cordillera, 129, 27
Kunikawa Maru, 458, 0
Lowther Castle, 90, 410
Silverpalm, 327, 0
Aconcagua, 72, 0
Gansfjord, 0, 467
City of Los Angeles, 211, 0
Hoyanger, 10, 0
Contessa, 594, 434
Platano, 946, 0
Tancred, 694, 0
Bennekom, 62, 101
Orazio, 7, 55
Duesseldorf, 387, 297
Osnabruck, 50, 1,450
Spreewald, 276, 0
Santa Rita, 683, 1
Santa Clara, 245, 34
Maine, 514, 0
Ancon, 4,804, 576
Quirigua, 266, 719
Harboe Jensen,11, 247½
Bretagne, 239, 423
Colombia, 871, 39
Toloa, 667, 290
Clio, 134, 449
Costa Rica, 37, 18
John Cabot, 1,014, 666
Lochmonar, 236, 106
Rufina, 3,978, 0
Real, 0, 14
Port Saint John, 75, 74
Lima, 159, 478½
Patria, 491, 761
Francis R. Hart, 4,755, 0
Reina del Pacifico, 80, 727
El Mirlo, 11,133, 0
Durazzo, 1,302, 790
Santa Paula, 142, 349
Chiriqui, 43, 344
Orduna, 63, 124
Cordillera, 56, 1,316
Delftdijk, 225, 265
Ino, 583, 155
Trois Ilets, 369, 47
San Lucas, 107, 0
Ermland, 10, 15
Cefalu, 219, 474
Seattle, 113, 556
Santa Lucia, 361, 266
Lobos, 63, 27
Niel Maersk, 403, 387
Salvador, 859, 708
Panama, 4,460, 911
Nemours, 2, 59
Santa Maria, 340, 25
Metapan, 974, ¼
Nosiro Maru, 425, 25
Falcon, 46, 88
Telde, 387, 739
Jamaica, 154, 522¼
Nero, 333, 255
Helder, 331, 931
Colombia, 784, 266
Magister, 653, 71
Bogota, 8, 400
Maravi, 32, 193
Choluteca, ½, 123
Quito, 938, 19 (pkgs.)
Orotava, 137, 72
Tosan Maru, 372, 281½
Europa, 0, 28
Sixaola, 276, 178
City of San Francisco, 411, 0
Tacoma, 198, 167
Monserrate, 13, 94
Costa Rica, 3, 761
Douro, 22, 32
Pasajero, 0, 2½
Genevieve Lykes, 287, 0
Colonial, 296, 0
Oregon, 535, 502
Virgilio, 174, 31
Talamanca, 73, 65
Santa Elena, 97¼, 381
Orizaba, 0, 688

BALBOA

Sylvan Arrow, 12,875, 0
Geisha, 57, 0
Rio de Janeiro Maru, 0 11
O. A. Brodin, 293, 31
Capello, 2, 0
City of Newport News, 129, 0
Santa Clara, 8, 0
HunterLiggett,635, 259
Santa Barbara, 257, 1
City of Norfolk, 0, 23
Pereira, 0, 2
Santa Maria, 10, 0
Maui, 170, 0
Nevada, 713, 0
Santa Inez, 107, 3
La Brea, 125, 0
Boskoop, 250, 0
President Adams, 1, 0
Abraham Lincoln, 469, 0
City of Los Angeles, 188, 0
Tancred, 567, 0
John Bakke, 451, 285
Santa Clara, 189, 0
Pericles, 12,240, 0
City of Newport News, 0, 1
John Cabot, 0, 1
Niel Maersk, 321, 0
Santa Maria, 237, 17
Hunter Liggett, 576, 99
Rotorua, 57, 0
Lebec, 9,930, 0
Trois Islets, 141, 0
Thorhild, 9,601, 0
Oregon, 853, 0

NOTE.—Figures shown represent short tons of 2,000 pounds.

Passengers

During June 1939, ocean-ship passengers debarking at Cristobal numbered 3,197, embarking 3,518; at Balboa, 760 debarking, 601 embarking. Passengers passing through the Canal from the Atlantic to the Pacific numbered 5,334; from the Pacific to the Atlantic, 1,734. Commercial aircraft numbering 55 entered Cristobal with 224 passengers debarking; clearances were 55, with 244 passengers embarking. Balboa entries of aircraft numbered 52, with 129 passengers debarking, clearances were 52, with 102 passengers embarking.

Information from American Consuls

The Consular officers of the United States at seaports all over the world are *ex officio* representatives of The Panama Canal for the purpose of furnishing information to shipping and allied interests as to conditions, charges, etc., at the Panama Canal affecting the operation of ships. The current publications of The Panama Canal of interest to shipping are furnished to the Consular officers and filed for reference.

It is not desired that inquiries of a general nature be addressed to the Consular officers, or that they be burdened with requests which should be made direct to The Panama Canal; but ships' operators who may not be sufficiently advised as to charges, supplies, facilities, etc., at the Canal will often save time by applying to the nearest American Consul.

Movements of Ocean Vessels Through the Panama Canal

From midnight June 10, 1939, to midnight July 10, 1939

ATLANTIC TO PACIFIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
City of San Francisco.	11	11	Amer..	Panama-Pacific Line..	New York, N. Y.	S. Francisco, Cal.	General.....	2,052
San Diego.....	10	11	Fr....	French Line.....	Havre, France...	Vancouver, B. C.	General.....	7,070
Tonan Maru No. 2.[13]	10	11	Jap...	Nippon Suisan Kab. Kaisya.	Scheidam, Netherlands.	Los Angeles, Cal.	Ballast.....	.....
Rio de Janeiro Maru.[2]	11	12	Jap...	Osaka Syosen Kaisya.	Buenos Aires, Arg.	Kobe, Japan....	Gen., cotton.	5,172
Gracia.....	11	11	Brit...	Donaldson Line.....	Glasgow, Scotland	Vancouver, B. C.	General.....	1,371
Barneveld.....	9	11	Neth..	Royal Neth. S. S. Co..	Hamburg, Ger..	Corral, Chile....	Generall....	1,820
Glaucus.....	11	11	Brit...	Booth-Amer. S. S. Co.	Montreal, Canada	Shanghai, China.	General.....	4,648
Nordvest [2].....	11	11	Dan...	P. Brown & Co.....	Galveston, Tex..	Vancouver, B. C.	Ballast.....	.....
Real [2].....	10	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Wodja [5].....	...	...	Amer..	R. W. Owen.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
Sona [2].....	10	11	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pedregal, R. P...	General.....	18
Mallard [10].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
S-43 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
S-44 [7]	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
S-47 [7].....	...	...	Amer..	U. S. Navy.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Durazzo.....	9	12	Ger...	Hamburg-Amer. Line.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	537
Athelprincess [1] [2].	11	12	Brit...	Daido Kaiun.....	Birkenhead, Eng.	San Luis, Calif..	Ballast.....	.....
Mahout.....	11	12	Brit...	Port Line, Ltd.....	Philadelphia, Pa.	Fremantle, Aust.	([15])	4,996
W. R. Keever....	12	12	Amer..	Freeport Sulphur Co..	New Orleans, La.	Everett, Wash...	Sulphur.....	7,800
Pontypridd.....	11	12	Brit...	Andrew Weir & Co...	La Romana, Dominican Rep.	Auckland, N. Z..	Sugar.....	7,500
Capella [14].....	11	13	Amer..	U. S. Navy.....	Norfolk, Va.....	San Diego, Calif.	Stores.....	3,806
Istmo.....	12	12	Pan...	Elliot Ship. & Land Co.	Cartagena, Col..	B'ventura, Col...	Salt.....	620
Bahrein [1].....	12	12	Pan...	Standard Oil of Cal...	Antwerp, Belgium	Los Angeles, Cal.	Ballast.....	.....
Porto Bello [3].....	12	12	Pan...	A. Tagaropulos.....	Cristobal, C. Z..	Real, R. P.....	General.....	3
Cistula [1] [2].....	12	13	Neth..	Shell Oil Co.....	Curacao, N. W. I.	Los Angeles, Cal.	Ballast.....	.....
Mussolini [2].....	12	...	Pan...	E. Obarrio.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
American Oriole..	13	13	Amer..	Freeport Sulphur Co.	Pt. Sulphur, La..	Los Angeles, Cal.	Sulphur.....	8,000
Leise Maersk [2]...	13	13	Dan...	A. P. Moller.....	Habana, Cuba...	Guanape Is., Peru	Ballast.....	.....
Salvador.....	6	13	Brit...	Pacific Steam Nav. Co.	Cristobal, C. Z..	Champ'ico, Guat.	General.....	271
Mathew Luckenbach.	13	13	Amer..	Luckenbach Line....	Houston, Tex...	Seattle, Wash...	General.....	7,131
Columbia Star [2]..	13	14	Brit...	Blue Star Line.....	Copenhagen, Den.	Vancouver, B. C.	Ballast.....	.....
Forbes Hauptman	13	13	Amer..	McCormick S. S. Co..	Norfolk, Va.....	Los Angeles, Cal.	General.....	5,166
Goodleigh.....	13	13	Brit...	Seaboard Lumber Co.	Barry, England..	Vancouver, B. C.	Ballast.....	.....
Tweedbank [2].....	13	13	Brit...	Bank Line, Ltd.....	Boston, Mass....	Shanghai, China.	General.....	2,584
Hunter Liggett [8]..	13	15	Amer..	U. S. Army.....	New York, N. Y.	S. Francisco, Cal.	General.....	4,343
Kupa.....	14	14	J-Slav.	Chile Nit. Sales Corp.	Wilmington, N.C.	Chile.....	Ballast.....	.....
American.....	14	14	Amer..	Amer.-Hawaiian Line.	Bridgeport, Conn.	Portland, Oreg...	General.....	2,068
Lebec [1].....	14	14	Amer..	Gen. Petroleum Corp.	Bangor, Me.....	Los Angeles, Cal.	Ballast.....	.....
Tuira [2].....	13	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
Sambu [2].....	13	14	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Pedregal, R. P...	General.....	2
Ebba [2].....	14	...	Pan...	E. Obarrio.....	Cristobal, C. Z..	Balboa, C. Z....	Ballast.....	.....
J-26 [5].....	...	...	Amer..	U. S. Army.....	Cristobal, C. Z..	Gatun, C. Z.....	Ballast.....	.....
San Felipe.....	14	15	Amer..	Pac.-Atlantic S.S. Co.	Albany, N. Y...	Seattle, Wash...	Coal, gen...	4,241
Trois Ilets.....	13	15	Fr....	French Line.....	Cristobal, C. Z..	B'ventura, Col...	General.....	86
Tropic Star [2].....	14	15	Nor...	Chile Nit. Sales Corp.	Charleston, S. C.	Chile.....	Ballast.....	.....
Ida Bakke [2].....	14	15	Nor...	Knutsen Line.....	Cardiff, Wales...	Vancouver, B. C.	Ballast.....	.....
Fairfield City....	15	15	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Bel. Delhi, Sum.	General.....	6,052
Santa Barbara [2]..	15	16	Amer..	Grace Line.....	New York, N. Y.	SanAntonio, Chile	General.....	2,204
Coultarn.....	15	15	Brit...	LongI.Mach.&Equip.	Norfolk, Va.....	Yawata, Japan..	Scrap iron...	6,511
Frank [3].....	15	...	Pan...	E. J. Hooper.....	Cristobal, C. Z..	Gatun, C. Z.[16]..	.....	20
Oropesa.....	15	16	Brit...	Pacific Steam Nav. Co.	Liverpool, Eng..	Valparaiso, Chile.	General.....	1,898
Nurnberg [2].....	14	16	Ger...	North German Lloyd.	Bremen, Germany	Valparaiso, Chile.	General.....	5,428
Robin Hood.....	15	16	Amer..	Isthmian S. S. Lines..	Baltimore, Md...	Shanghai, China.	General.....	8,254
Yamazuki Maru [2]	15	16	Jap...	Yamashita K. Kaisha	Buenos Aires, Arg.	Kobe, Japan....	([17])	6,387
Besholt [2].....	15	16	Nor...	De La Rama S.S. Line	Philadelphia, Pa.	Hongkong, China	General.....	645
Chr. Knudsen [2]..	16	16	Nor...	Canadian Transp. Co.	Mobile, Ala.....	Ocean Falls, B.C.	([18])	2,748
Pennsylvania Sun.[1] [2]	16	16	Amer..	Sun Oil Co.....	Marcus Hook, Pa.	El Segundo, Cal.	Ballast.....	.....
Lillian Luckenbach.	16	16	Amer..	Luckenbach Line....	Boston, Mass....	Seattle, Wash...	General.....	3,472
Sussex [2].....	16	17	Brit...	N. Z. Shipping Co...	Liverpool, Eng..	Dunedin, N. Z...	General.....	10,900
Oregon.....	16	17	Brit...	Polaris S. S. Co.....	Montreal, Canada	Yokohama, Japan	Scrap iron..	7,914
Mahimahi.....	16	17	Amer..	Matson Nav. Co.....	Mobile, Ala.....	Honolulu, T. H..	Steel, corn..	5,657
Clio [2].....	15	17	Neth..	Royal Neth. S. S. Co.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	337
D. G. Scofield....	16	17	Amer..	Arrow Oil Co.....	Curacao, N. W. I.	S. Francisco, Cal.	Fuel oil.....	198
Quito [2].....	15	17	Ger...	North German Lloyd.	Cristobal, C. Z..	Guayaquil, Ecua.	General.....	211
Cornish City [2]...	17	17	Brit...	Reardon-Smith Line..	Tampa, Fla.....	Osaka, Japan....	Phosphate..	9,014
Colombia [2].....	15	17	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	B'ventura, Col...	General.....	1,000
Bogota [2].....	16	...	Ger...	North German Lloyd.	Cristobal, C. Z..	Balboa, C. Z....	Drydocking	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [5] Launch. [7] Submarine. [8] Transport. [10] Mine sweeper. [13] Oil refinery. [14] Auxiliary. [15] Automobiles, oil, general. [16] For bananas and return to Cristobal. [17] Cotton, coffee, etc. [18] Sulphur, rosin, etc.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Karamea [2]	17	18	Brit.	Shaw, Savill & Albion	London, England	Wellington, N. Z.	General	6,900
Minnesotan	17	17	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Tacoma, Wash.	General	3,717
Texas Sun [1] [2]	17	17	Amer.	Sun Oil Co.	Chester, Pa.	Los Angeles, Cal.	Ballast	.....
Gen. Wm. M. Graham.[11]	14	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
City of Norfolk	18	18	Amer.	Baltimore Mail Co.	New York, N. Y.	S. Francisco, Cal.	General	2,829
Texmar	17	18	Amer.	Calmar Line	Baltimore, Md.	Seattle, Wash.	Steel, gen.	5,350
Tennessee [2]	18	18	Nor.	Barber Line	New York, N. Y.	Japan	Scrap iron	8,705
Pacific Exporter [2]	18	18	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	416
Amerikaland [2]	17	18	Swed.	Ore S. S. Corp.	New York, N. Y.	Cruz Gr'de, Chile	Ballast	.....
Siamese Prince [2]	18	18	Brit.	Prince Line, Ltd.	New York, N. Y.	Hongkong, China	General	3,476
Ino [2]	17	18	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	70
Pluviose [1]	18	18	Fr.	Raffinerie de Berre	Berre, France	Talara, Peru	Ballast	.....
West Cape	17	18	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	Gen., steel	1,944
Tungsha [2]	18	18	Nor.	Wilh. Wilhelmsen	Boston, Mass.	Yokohama, Japan	Scrap iron	8,434
Tuira [2]	17	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Ville D'Amiens	18	19	Fr.	Messageries Marit'es.	Marseille, France	Noumea, N. Caled	General	3,610
Copiapo [2]	19	19	Chile.	Cia Sud Amer. de Vap.	Hamburg, Ger.	Valparaiso, Chile.	General	1,506
Ensley City	18	19	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Hilo, T. H.	Gen., steel	4,582
Deroche [1]	19	19	Amer.	Union Oil of Calif.	Philadelphia, Pa.	Los Angeles, Cal.	Ballast	.....
Geo. G. Henry [1]	19	19	Amer.	Standard Oil of N. J.	Aruba, N. W. I.	Talara, Peru	Ballast	.....
City of Manchester.	19	20	Brit.	Amer.-Australian Line	Philadelphia, Pa.	Adelaide, Aust.	General	6,043
Ohioan	19	19	Amer.	Amer.-Hawaiian Line.	Jacksonville, Fla.	Tacoma, Wash.	General	3,383
Pereira	15	19	Pan.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	871
Real [2]	18	19	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Pto. Arm'les, R. P.	General	20
Pennsylvania	19	20	Amer.	Weyerhaeuser S.S. Co	Newark, N. J.	Seattle, Wash.	General	3,246
Mussolini [2]	19	...	Pan.	E. Obarrio	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Kanto Maru [2]	19	20	Jap.	Osaka Syosen Kaisya.	Buenos Aires, Arg.	Shanghai, China.	(15)	6,362
Marchen Maersk.	20	20	Dan.	A. P. Moller	Boston, Mass.	Cebu, P. I.	General	6,565
Talamanca [4]	20	...	Pan.	United Fruit Co.	Bocas, R. P.	Balboa, C. Z.	(16)	.....
Zrinski	20	20	J-Slav.	Chile Nit. Sales Corp.	N. Shields, Eng.	Chile	Ballast	.....
Porto Bello [3]	20	20	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Point Caleta	20	21	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	General	6,350
Bibb [13]	21	24	Amer.	U. S. Coast Guard	Cape May, N. J.	Chile	Ballast	.....
Montanan	21	21	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,136
Themoni	21	21	Greek.	Mitsui Bussan Kaisha	New York, N. Y.	Yawata, Japan.	Scrap steel	9,121
Mobile City	21	21	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	(17)	6,903
Nagara Maru [2]	21	21	Jap.	Nippon Yusen Kaisya	New York, N. Y.	Kobe, Japan	(18)	7,672
Nevada	19	22	Fr.	French Line	Havre, France	Valparaiso, Chile.	Fertilizer, gen	2,203
Lagarto [2]	21	21	Brit.	Pacific Steam Nav. Co.	Hull, England	Talcahuano, Chile	General	2,148
Clio [1] [2]	21	22	Pan.	Standard Oil of Venez.	La Guayra, Ven.	Tocopilla, Chile.	(19)	12,353
Loehgoil [2]	21	21	Brit.	N. Pac. Coast Line	Rotterdam, Neth.	Portland, Oreg.	General	2,162
Sanyo Maru [2]	21	22	Jap.	Osaka Syosen Kaisya.	Rotterdam, Neth.	Dairen, China	General	7,277
Sambu [2]	20	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Robert E. Hopkins. [1]	21	22	Amer.	Cities Service Oil Co.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Port Halifax [2]	22	22	Brit.	Mont.-Aust.-N.Z. Line	Montreal, Canada	Dunedin, N. Z.	General	4,074
R. J. Hanna [1]	22	22	Amer.	Standard Oil of Calif.	Baltimore, Md.	S. Francisco, Cal.	Ballast	.....
Marconi [2]	22	22	Pan.	D. Campodonico	Cispata, Colom.	Panama, R. P.	Ballast	.....
Parrakoola [2]	22	23	Swed.	Transpacific S. S. Co.	London, England	S. Francisco, Cal.	Ballast	.....
Lundby [2]	22	23	Dan.	A/S Motortramp	Montreal, Canada	Los Angeles, Cal.	Ballast	.....
Orotava	22	23	Hond.	United Fruit Co.	New Orleans, La.	Puntarenas, C. R.	General	1,486
Enoch [3]	22	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[20]	.....	20
Col. Riche [5]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Tow. barge	.....
Cutter No. 667	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Boskoop	21	24	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Corral, Chile	General	2,185
Lewis Luckenbach	23	23	Amer.	Luckenbach Line	Providence, R. I.	Seattle, Wash.	General	3,943
Mataroa	23	24	Brit.	Shaw, Savill & Albion	S'ampton, Eng.	Wellington, N. Z.	General	7,367
Cellina [2]	22	23	Ital.	Italia Line	Trieste, Italy	Vancouver, B. C.	General	967
Huascaran [2]	21	23	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	5,239
Santa Inez [2]	22	24	Amer.	Grace Line	New York, N. Y.	Chanaral, Chile.	General	1,482
Munsterland [2]	23	23	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Manila, P. I.	General	8,151
Steelore	23	24	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Gen. Wm. M. Graham.[11]	18	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Langley [14]	22	24	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	.....	.....
Laila	23	24	Dan.	West Coast Line	St. John, N. B.	Talcahuano, Chile	General	1,982
Hadleigh	24	24	Brit.	Seaboard Ship. Co.	Barry, England.	Vancouver, B. C.	Ballast	.....
Valkyrie [6] 5	18	...	Brit.	Ethel Zora Hanner	High seas	Balboa, C. Z.	Ballast	.....
Pennmar 6	24	24	Amer.	Calmar Line	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	4,509
Nero [2]	22	24	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	147
Colombia [2]	22	24	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	400
Memphis City	24	24	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	3,870
Mexican	24	24	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Tacoma, Wash.	General	2,999
Friedrich Breme [1] 2	24	24	Ger.	W. Tankschiff Rhed'i.	Rotterdam, Neth.	Talara, Peru	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [6] Yacht. [11] Mine planter. [13] Coast Guard cutter. [14] Aircraft carrier. [15] Cotton, timber, etc. [16] Towing barge Queen Mary No. 31070. [17] Structural steel and tinplate. [18] General, lubricating oil, etc. [19] Diesel and fuel oil. [20] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
President Adams	25	25	Amer.	Amer.-President Lines	New York, N. Y.	S. Francisco, Cal.	General	3,811
Athina Livanos	24	25	Greek	Carport	Norfolk, Va.	Portland, Oreg.	Ballast	.....
City of Baltimore	25	25	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,961
Sea Thrush	24	25	Amer.	Shepard S. S. Co.	Albany, N. Y.	Seattle, Wash.	General	2,922
Kiyosumi Maru [2]	25	25	Jap.	Kokusai Kisen Kaisha	Galveston, Tex.	Kobe, Japan	Cotton, oil	8,464
Este	24	25	Ger.	North German Lloyd	Hamburg, Ger.	Vancouver, B. C.	General	8,075
Frederic R. Kellogg.[1]	22	25	Amer.	Standard Oil of N. J.	New York, N. Y.	Talara, Peru	Ballast	.....
Texas	24	25	Amer.	Calif.-Eastern Line	Trenton, N. J.	Portland, Oreg.	General	4,893
Loch Lomond	25	25	Brit.	Montreal-Aust. Line	Three Riv., Nfd.	Melbourne, Aust.	Newsprint	5,067
Sambu [2]	24	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Abraham Lincoln[2]	25	26	Nor.	Fred Olsen & Co.	Oslo, Norway	Vancouver, B. C.	Cement, gen.	1,252
Ellin	25	26	Greek	Anglo-Can. S. S. Co.	Liverpool, Eng.	Vancouver, B. C.	Ballast	.....
Moldanger [2]	25	26	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
W. S. Miller [1]	26	26	Amer.	Standard Oil of Calif.	Wilmington, N.C.	S. Francisco, Cal.	Ballast	.....
Takaoka Maru	26	26	Jap.	Nippon Yusen Kaisha	Pt. Arthur, Tex.	Japan	([14])	8,580
Cerigo	23	27	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	183
Porto Bello [3]	26	26	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Sona [2]	24	..	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Seal [7]	25	27	Amer.	U. S. Navy	N. London, Conn.	San Diego, Calif.	Ballast	.....
Trois Ilets	25	27	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	11
Lowther Castle	26	27	Brit.	McCormick S. S. Co.	Buenos Aires, Arg	S. Francisco, Cal.	General	3,782
Mussolini [2]	26	...	Pan.	E. Obarrio	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Emergency Aid	26	27	Amer.	McCormick S. S. Co.	Philadelphia, Pa.	Seattle, Wash.	General	3,014
Salacia [2]	27	27	Brit.	Donaldson & Black	Glasgow, Scotland	Vancouver, B. C.	General	1,177
Acajutla	21	27	Brit.	Pacific Steam Nav. Co.	Cristobal, C. Z.	Champ'ico, Guat.	General	684
John Bakke [2]	23	28	Nor.	Knutsen Line	Goth'burg, Swed.	Valparaiso, Chile.	Gen., expl.	3,038
Ashkhabad	27	28	Russ.	U.S.S.R. Mach. Imp.	Leningrad, Russ.	Nagaevo, Russia.	General	4,259
Ino [2]	23	27	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	B'ventura, Col.	General	280
Katrina Luckenbach.	27	27	Amer.	Luckenbach Line	New Orleans, La.	Seattle, Wash.	General	6,645
Col. Riche [5]	22	...	Amer.	U. S. Army	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Real [2]	27	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Procyon [1] [2]	27	28	Swed.	Standard Oil of N. J.	Rotterdam, Neth.	S. Francisco, Cal.	Ballast	.....
Ebba [2]	28	...	Pan.	E. Obarrio	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Hoyanger [2]	27	28	Nor.	Westfal, Larsen & Co.	Buenos Aires, Arg.	Vancouver, B. C.	Coffee, gen.	5,421
City of Singapore	27	28	Brit.	Ellerman & Bucknall.	Philadelphia, Pa.	Auckland, N. Z.	General	4,404
Firmore	27	28	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Pomona	28	28	Amer.	Pac. Coast Dir. Line	Norfolk, Va.	Tacoma, Wash.	General	3,444
City of Evansville	28	28	Brit.	Ellerman & Bucknall.	Montreal, Canada	Dairen, China	General	6,841
W. H. Berg [1]	28	28	Amer.	Standard Oil of Calif.	New York, N. Y.	Los Angeles, Cal.	Ballast	.....
Smolniy [2]	26	28	Russ.	Baltic States S. S. Co.	Leningrad, Russ.	Sakalin Is.	General	1,695
Lieut. Col. H. C. Schumm.[4]	...	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	Tow. barge	.....
Tuira [2]	27	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Leonet [3]	28	...	Pan.	A. Ferrari	Cristobal, C. Z.	Gatun, C. Z.	([15])	.....
Frank [3]	28	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z.[16]	.....	20
Santa Clara	28	29	Amer.	Grace Line	New York, N. Y.	SanAntonio, Chile	General	3,102
Maine	28	29	Amer.	Calif.-Eastern Line	New York, N. Y.	Portland, Oreg.	General	3,311
Mosfruit [2]	29	29	Nor.	M. Mosvold	Liverpool, Eng.	Los Angeles, Cal.	Ballast	.....
O. A. Brodin	28	29	Swed.	Sigfried-Olsen Co.	La Guayra, Ven.	Antof'gasta Chile	Ballast	.....
Alabaman	28	29	Amer.	Amer.-Hawaiian Line.	New York, N. Y.	Portland, Oreg.	General	3,315
Arimasan Maru [2]	29	29	Jap.	Mitsui Senpakubu	New York, N. Y.	Moji, Japan	Gen., gasoline	7,510
Thurland Castle [2]	28	29	Brit.	Barber Line	New York, N. Y.	Shanghai, China.	General	3,252
Osnabruck [2]	28	29	Ger.	North German Lloyd.	Hamburg, Ger.	Corral, Chile	General	4,055
Fresno Star	29	30	Brit.	Blue Star Line	Tyne, England	Vancouver, B. C.	Ballast	.....
Kansan	30	30	Amer.	Amer.-Hawaiian Line.	Baltimore, Md.	Seattle, Wash.	General	4,420
Kahuku	29	30	Amer.	Matson Nav. Co.	New York, N. Y.	Honolulu, T. H.	General	3,398
Vermar	30	30	Amer.	Calmar Line	Chester, Pa.	Los Angeles, Cal.	Steel, gen.	3,972
Dorothy Luckenbach.	30	30	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	General	4,142
Clumberhall	30	30	Brit.	Seaboard Ship. Co.	Cardiff, Wales	Brit. Columbia	Ballast	.....
Somerville [2]	30	30	Nor.	Fern Line	Tampa, Fla.	Yokohama, Japan	([17])	7,003
Athenic	30	1	Brit.	Canadian Transp. Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Nonsuco [2]	30	1	Amer.	No. Negros Sugar Co.	New York, N. Y.	Manila, P. I.	([18])	2,622
Unicoi [2]	1	3	Amer.	Roosevelt S. S. Co.	Philadelphia, Pa.	Adelaide, Aust.	General	3,745
Maxim Gorky [2]	24	1	Russ.	U.S.S.R. Mach. Imp.	Leningrad, Russ.	Nicolaevsk, Russ.	Mach., coal	4,792
Clio [2]	30	1	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	408
Tichzinka [13]	24	1	Russ.	U. S. S. R. Mach. Imp.	Rotterdam, Neth.	Nicolaevsk, Russ.	Ballast	.....
Svir [13]	24	1	Russ.	U. S. S. R. Mach. Imp.	Leningrad, Russ.	Nicolaevsk, Russ.	Ballast	.....
Colombia [2]	29	1	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	736
Alaskan	1	1	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	2,873
Selma City	2	2	Amer.	Isthmian S. S. Lines.	Baltimore, Md.	Scattle, Wash.	Gen., steel	3,386
Lexa Maersk [2]	2	2	Dan.	Maersk Line	Baltimore, Md.	Cebu, P. I.	General	6,034
Chilore	2	2	Amer.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
City of Newport News.	2	2	Amer.	Panama-Pacific Line	New York, N. Y.	S. Francisco, Cal.	General	2,824
Marit II [1]	2	2	Nor.	Standard Oil of N. J.	Aruba, N. W. I.	Tocopilla, Chile	Fuel oil	9,552

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [7] Submarine. [13] Dredge. [14] Scrap billets, gasoline. [15] Towing launch Frank. [16] For bananas and return to Cristobal. [17] Scrap iron, cotton. [18] Gypsum rock, general.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Pacific Ranger [2]	2	3	Brit.	Furness, Withy & Co.	Manchester, Eng.	Vancouver, B. C.	General	380
Tuira [2]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Somers [9]	1	5	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	.....
Warrington [9]	1	5	Amer.	U. S. Navy	Norfolk, Va.	San Diego, Calif.	Ballast	.....
Gridley [9]	1	5	Amer.	U. S. Navy	Wilmington, N.C.	San Diego, Calif.	Ballast	.....
Felix Taussig	3	3	Amer.	McCormick S. S. Co.	New York, N. Y.	Seattle, Wash.	(13)	3,610
Lima [2]	2	3	Swed.	Johnson Line	Stockholm, Swed.	Vancouver, B. C.	Gen., paper	4,652
Patria	2	3	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Valparaiso, Chile.	General	2,984
Reina del Pacifico [2]	2	3	Brit.	Pacific Steam Nav. Co.	Liverpool, Eng.	Valparaiso, Chile.	General	2,802
Real [2]	1	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	General	36
Nozima Maru [2]	3	4	Jap.	Nippon Yusen Kaisha	Boston, Mass.	Kobe, Japan	Lub.oil.,gen.	7,658
Mussolini [2]	3	...	Pan.	E. Obarrio	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Borgestad [2]	3	4	Nor.	Canadian Transp. Co.	Barbados, B.W.I.	Vancouver, B. C.	Sugar	4,000
John Cabot	30	4	Brit.	Grace Line	Cristobal, C. Z.	Champ'ico, Guat.	General	649
Winkleigh	3	4	Brit.	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Rio Novo	3	4	Nor.	States Marine Corp.	Everglades, Fla.	Yawata, Japan	Scrap iron	2,430
Kattegat [2]	4	4	Nor.	O. D. Simonsen, Jr.	New York, N. Y.	Osaka, Japan	Scrap iron	7,790
Kongo Maru [2]	4	4	Jap.	Kokusai Kisen Kaisha	Philadelphia, Pa.	Kobe, Japan	(14)	8,193
El Ciervo	4	4	Brit.	Sr. Peracca	Aruba, N. W. I.	Cabo Bl'co, Peru.	Ballast	.....
Maimoa	4	4	Brit.	Shaw, Savill & Albion	Liverpool, Eng.	Wellington, N. Z.	General	4,483
Ermland [2]	4	4	Ger.	Hamburg-Amer. Line.	New Orleans, La.	Manila, P. I.	(15)	8,246
Delftdijk [2]	3	5	Neth.	N. Pac. Coast Line	Rotterdam, Neth.	Vancouver, B. C.	General	4,490
San Lucas	4	4	Amer.	Pac.-Atlantic S. S. Co	New York, N. Y.	Portland, Oreg.	General	2,534
Erlangen	4	5	Ger.	North German Lloyd.	New Orleans, La.	Dunedin, N. Z.	(16)	6,119
Durazzo	2	5	Ger.	Hamburg-Amer. Line.	Cristobal, C. Z.	Guayaquil, Ecua.	General	411
Trois Ilets	3	5	Fr.	French Line	Cristobal, C. Z.	B'ventura, Col.	General	36
Monte J. [5]	...	...	Amer.	C. Smith	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
El Mirlo [1] [2]	2	5	Brit.	C. T. Bowring & Co.	Curacao, N.W.I.	LaLibertad, Ecua.	Ballast	.....
Seattle [2]	4	5	Ger.	Hamburg-Amer. Line.	Hamburg, Ger.	Vancouver, B. C.	General	3,571
Lihue	4	5	Amer.	Isthmian S. S. Lines.	Mobile, Ala.	Seattle, Wash.	Iron, steel	6,639
Tilsington Court	5	5	Brit.	Canadian Transp. Co.	Botwood, Nfd.	Tacoma, Wash.	Copper conc.	9,804
Sambu [2]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Point Ancha	5	5	Amer.	Swayne & Hoyt	New Orleans, La.	Seattle, Wash.	(17)	6,165
Tomislav	5	5	J-Slav.	Chile Nit. Sales Corp.	Alexandria, Egypt	Valparaiso, Chile.	Sesame seed.	974
Kentuckian	5	5	Amer.	Amer.-Hawaiian Line.	Boston, Mass.	Portland, Oreg.	General	2,332
Sona [2]	4	...	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	Balboa, C. Z.	Ballast	.....
Enoch [3]	5	...	Pan.	E. J. Hooper	Cristobal, C. Z.	Gatun, C. Z. [20]	.....	20
Porto Bello [3]	5	5	Pan.	A. Tagaropulos	Cristobal, C. Z.	Real, R. P.	General	3
Nashville [12]	5	8	Amer.	U. S. Navy	Norfolk, Va.	Los Angeles, Cal.	Ballast	.....
Rangitata [2]	5	6	Brit.	N. Z. Shipping Co.	London, England	Chalmers, N. Z.	General	1,858
Karmt [2]	5	6	Nor.	Chile Nit. Sales Corp.	Norfolk, Va.	Tocopilla, Chile.	Ballast	.....
Bradfyne	5	6	Brit.	Mitsubishi Line	Tampa, Fla.	Japan	Phosphate	7,800
Aldington Court [2]	5	6	Brit.	Canadian Transp. Co.	Sydney, C. B.	N.Westm'er, B.C.	General	5,616
Brimanger [2]	5	6	Nor.	Interocean S. S. Corp.	Rotterdam, Neth.	Vancouver, B. C.	Ballast	.....
Oilpioneer [1] [2]	5	6	Brit.	Arthur A. Rapp	Cardiff, Wales	Seattle, Wash.	Creosote	6,993
Min [2]	6	6	Nor.	North German Lloyd.	New Orleans, La.	Adelaide, Aust.	Sulph., asph.	7,755
Mountpark	6	6	Brit.	Hasegawa B. Kaisha	Philadelphia, Pa.	Kobe, Japan	Scrap steel	7,711
Mount Ida	6	6	Greek	Anglo-Can. Ship. Co.	Antwerp, Belgium	Vancouver, B. C.	General	4,452
Santa Maria [2]	6	7	Amer.	Grace Line	New York, N. Y.	Valparaiso, Chile.	General	2,364
C. Glare [5]	...	...	Pan.	J. C. Waddell	Cristobal, C. Z.	Gatun, C. Z.	Ballast	.....
Telde	6	7	Hond.	United Fruit Co.	New Orleans, La.	Puntarenas, C. R.	General	1,176
Falcon	6	7	Amer.	Grace Line	Chester, Pa.	SanAntonio, Chile	General	2,722
Svealand [2]	7	7	Swed.	Ore S. S. Corp.	Baltimore, Md.	Cruz Gr'de, Chile	Ballast	.....
Hoegh Carrier [2]	7	7	Nor.	Skibsaktieselskapet	Wilmington, N.C.	Moji, Japan	Scrap iron	8,010
Jeff Davis [2]	7	7	Amer.	Roosevelt S. S. Co.	Baltimore, Md.	Haiphong, IndoC.	Steel, gen.	6,707
J. L. Luckenbach	7	7	Amer.	Luckenbach Line	Boston, Mass.	Seattle, Wash.	Gen., autos.	3,352
Maravi	7	7	Pan.	United Fruit Co.	Boston, Mass.	Puntarenas, C. R.	R. R. matl.	2,382
President Van Buren	7	7	Amer.	Amer.-President Lines	New York, N. Y.	S. Francisco, Cal.	General	3,989
Phaeax	7	8	Pan.	S. Paramythiotis	New York, N. Y.	Yokohama, Japan	Scrap iron	9,494
Lieut. Col. H. C. Schumm.[4]	5	...	Amer.	U. S. Army	Cristobal, C. Z.	Balboa, C. Z.	(18)	.....
Massmar	7	8	Amer.	Calmar Line	Baltimore, Md.	Tacoma, Wash.	Steel, gen.	5,415
Ino [2]	3	8	Neth.	Royal Neth. S. S. Co.	Cristobal, C. Z.	Guayaquil, Ecua.	General	141
Hazelside	7	8	Brit.	Canadian Transp. Co.	Botwood, Nfd.	Tacoma, Wash.	Copper conc.	7,248
Norden [2]	8	8	Dan.	Norden S. S. Co.	Texas City, Tex.	Yawata, Japan	Scrap iron	7,723
Pan-Norway [1] [2]	8	8	Nor.	Standard Oil of N. J.	Rotterdam, Neth.	Talara, Peru	Ballast	.....
Taiwan [2]	7	8	Nor.	Mitsubishi S. Kaisha.	Pt. Tampa, Fla.	Osaka, Japan	Phosphate	8,403
Stjerneborg [2]	8	8	Dan.	C. K. Hansen	Baltimore, Md.	Yokohama, Japan	(19)	7,856
Colombia [2]	6	8	Pan.	Elliot Ship. & Land Co.	Cristobal, C. Z.	B'ventura, Col.	General	470
Helga	7	8	Dan.	J. Lauritzen	New York, N. Y.	Talcahuano, Chile	General	2,183
Hopecrest [2]	8	8	Brit.	Hopemount Ship. Co.	Tyne, England	Vancouver, B. C.	Ballast	.....
Helder	7	9	Neth.	Royal Neth. S. S. Co.	Hamburg, Ger.	Talcahuano, Chile	General	2,033
Bogota [2]	6	8	Ger.	North German Lloyd.	Manaure, Colom.	Guayaquil, Ecua.	General	911
Embassage	8	8	Brit.	Seaboard Ship. Co.	Barry, England	Vancouver, B. C.	Ballast	.....
Kaipara [2]	8	9	Brit.	Mont.-Aust.-N.Z. Line	Montreal, Canada	Adelaide, Aust.	General	6,575
Trewellard	8	8	Brit.	Hain S. S. Line	Cardiff, Wales	Vancouver, B. C.	Ballast	.....

[1] Tanker. [2] Motor ship. [3] Motor schooner. [4] Tug. [5] Launch. [9] Destroyer. [12] Cruiser. [13] Coal, steel, general. [14] Scrap steel, [15] Cotton, oil, general. [16] Oil, sulphur, general. [17] Pipe, lumber, general. [18] Towing barge No. 45. [19] Scrap iron, machinery. [20] For bananas and return to Cristobal.

ATLANTIC TO PACIFIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Tacoma	8	8	Ger...	Hamburg-Amer. Line.	Hamburg, Ger...	Vancouver, B. C.	General	3,248
Ida [5]	...	...	Amer..	W. L. Sinclair	Cristobal, C. Z..	Gatun, C. Z.	Ballast	.....
Georgian	8	9	Amer..	Amer.-Hawaiian Line.	Boston, Mass.	Seattle, Wash.	General	3,095
Douro [2]	8	9	Neth..	W. I. Scheepv. Maat.	Curacao, N.W.I..	Tumaco, Colom..	Gen., lard..	141
Silverlaurel	8	9	Brit...	Kerr S. S. Co.	New York, N. Y.	Hongkong, China.	General	2,718
Ranger [6]	5	9	Amer..	R. B. Brown	New Orleans, La.	Puget Sd., Wash.	Ballast	.....
Nicolaou Virginia.	8	9	Greek.	General S. S. Corp...	London, England	Vancouver, B. C.	Ballast	.....
Port Hunter	8	9	Brit...	Port Line, Ltd.	London, England	Wellington, N. Z.	General	4,222
Thermopylae [2]	8	9	Nor...	Barber Line	New York, N. Y.	Osaka, Japan	(13)	9,380
Tai Ping Yang [2]	9	9	Nor...	Barber-Wilhelmsen	Baltimore, Md..	Shanghai, China.	General	3,966
Parthenia	9	9	Brit...	Donaldson & Black..	Glasgow, Scotland	Vancouver, B. C.	General	1,192
Adrastus	9	9	Brit...	Ocean S. S. Co.	New York, N. Y.	Hongkong, China	General	3,460
Maui	9	9	Amer..	Baltimore Mail Co...	New York, N. Y.	S. Francisco, Cal.	General	3,470
Sambu [2]	8	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Sona [2]	8	...	Pan...	Elliot Ship. & Land Co.	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Elnor [5]	...	...	Pan...	H. G. Seavey	Cristobal, C. Z..	Balboa, C. Z.	Ballast	.....
Virgilio [2]	9	10	Ital...	Italia Line	Genoa, Italy	Valparaiso, Chile.	General	849
Oregon [2]	9	11	Fr...	French Line	Havre, France...	Vancouver, B. C.	Gen., coke..	4,349
Steel Exporter	10	10	Amer..	Isthmian S. S. Lines..	Portland, Me.	Seattle, Wash.	Steel, gen...	4,649
Winona	10	10	Amer..	Pac. Coast Dir. Line.	New York, N. Y.	Tacoma, Wash..	General	2,963
Dalfram	10	10	Brit...	Frances Phosphates..	Barry, England..	Makatea Island..	Ballast	.....
Hawaiian	10	10	Amer..	Amer.-Hawaiian Line.	Baltimore, Md...	Tacoma, Wash..	General	2,998
Harpoon	10	10	Amer..	Shepard S. S. Co.	Albany, N. Y...	Seattle, Wash..	General	3,362

PACIFIC TO ATLANTIC

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port From—	Port For—	Cargo Nature	Cargo Long tons
Hindanger [2]	10	11	Nor...	Interocean S. S. Corp.	Portland, Oreg...	Rotterdam, Neth.	(14)	7,600
Florence Luckenbach.	11	11	Amer..	Luckenbach-Gulf Co.	Seattle, Wash...	Mobile, Ala	General	5,109
Aobasan Maru [2]	11	11	Jap...	Mitsui Bussan K.	Manila, P. I.	Philadelphia, Pa.	(15)	7,995
Carolinian	11	11	Amer..	Amer.-Hawaiian Line.	Seattle, Wash...	Boston, Mass.	General	6,814
Ebba [2]	11	14	Pan...	H. Obarrio	Real, R. P.	Cristobal, C. Z..	Bananas	50
Sidney M. Hauptman.	11	11	Amer..	McCormick S. S. Co..	Los Angeles, Cal.	Philadelphia, Pa.	Lumber, gen.	8,485
Anatina [2]	11	11	Nor...	West India Trad. Co.	Rashin, Korea...	Cobh, Ireland [18]	Soy beans...	8,904
Anniston City	11	11	Amer..	Isthmian S. S. Lines..	Portland, Oreg...	Avonmouth, Eng.	(16)	8,217
West Cactus	8	12	Amer..	McCormick S. S. Co..	Townsend, Wash.	Buenos Aires, Arg.	Lumber, gen.	4,355
Mussolini [2]	12	13	Pan...	E. Obarrio	Darien, R. P.	Cristobal, C. Z..	Bananas	80
Geisha [2]	11	12	Nor...	Knutsen Line	SanAntonio, Chile	Gothenb'g, Swed.	Nitrate, gen.	7,210
Gregalia	11	12	Brit...	Donaldson Line	Vancouver, B. C.	Glasgow, Scotland	General	7,523
Victoria City	12	12	Brit...	Little & Christian.	Iloilo, P. I.	No. of Hatteras..	Sugar	8,150
Orbita	11	13	Brit...	Pacific Steam Nav. Co.	SanAntonio, Chile	Liverpool, Eng..	General	7,837
Mahana	11	12	Brit...	Shaw, Savill & Albion	Auckland, N. Z..	Newcastle, Eng..	Frozen, gen.	6,512
Walter D. Munson	12	12	Amer..	Blanchard Lumber	Portland, Oreg...	New York, N. Y.	Lumber	4,436
Kansai Maru [2]	12	13	Jap...	Osaka Syosen Kaisya.	San Carlos, P. I..	Baltimore, Md...	General	7,242
O. A. Brodin	11	14	Swed.	Sigfried-Olsen Co.	St. Helens, Oreg..	La Guayra, Ven.	Lumber	1,806
Remuera	11	12	Brit...	N. Z. Shipping Co.	Wellington, N. Z.	London, England	Frozen, gen.	5,200
W. S. Miller [1]	12	12	Amer..	Standard Oil of Calif.	Los Angeles, Cal.	Wilmington, N.C.	Gasoline	8,570
Trois Ilets	13	15	Fr...	French Line	B'ventura, Col...	Cristobal, C. Z..	Coffee	282
City of Newport News.	13	14	Amer..	Panama-Pacific Line..	S. Francisco, Cal.	New York, N. Y.	General	4,360
Akaroa	13	13	Brit...	Shaw, Savill & Albion	Auckland, N. Z..	London, England	Frozen, gen.	5,709
Nebraskan	13	13	Amer..	Amer.-Hawaiian Line.	Portland, Oreg...	Boston, Mass.	General	7,460
Sambu [2]	13	14	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	60
Tuira [2]	13	14	Pan...	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z..	Bananas	80
California Standard. [1] [2]	13	14	Pan...	Foreign Tankship	El Segundo, Cal.	Avonmouth, Eng.	Gasoline	15,206
Gen. W. M. Graham. [11]	14	17	Amer..	U. S. Army	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Karmt	13	14	Nor...	Chile Nit. Sales Corp.	Tocopilla, Chile..	Wilmington, N.C.	Nitrate	8,875
Vermont	14	14	Amer..	Calif.-Eastern Line..	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	7,893
Santa Clara	14	15	Amer..	Grace Line	SanAntonio, Chile	New York, N. Y.	General	5,423
President De Vogue. [1] [2]	13	14	Nor...	Raffinerie de Berre...	Talara, Peru	Port de Bouc, Fr.	Crude oil...	13,577
W. H. Berg [1]	14	14	Amer..	Standard Oil of Calif..	Los Angeles, Cal.	New York, N. Y.	Gasoline	11,934
Losmar	14	14	Amer..	Calmar Line	Longview, Wash.	Boston, Mass.	Lumber	6,084
Trontolite [1] [2]	14	15	Brit...	Imperial Oil Ship. Co.	Talara, Peru	Halifax, N. S.	Gasoline	7,500
Spencer Kellogg [1]	14	15	Amer..	Kellogg S. S. Corp...	Manila, P. I.	New York, N. Y.	Coconut oil..	6,690
Komaki Maru [2]	14	15	Jap...	Kokusai K. Kaisha...	Penang, Str. Sett.	Galveston, Tex..	(17)	8,145
Lochkatrine [2]	15	16	Brit...	Royal Mail Lines	Victoria, B. C...	Rotterdam, Neth.	Frozen, gen.	9,315
Dresden [2]	15	16	Ger...	North German Lloyd.	Corral, Chile	Bremen, Germany	General	6,298
S-43 [7]	15	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
Mallard [4]	15	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
S-44 [7]	15	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....
S-47 [7]	15	...	Amer..	U. S. Navy	Balboa, C. Z.	Cristobal, C. Z..	.....	.....

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [7] Submarine. [11] Mineplanter. [13] Scrap iron, general. [14] Wheat, lumber, general. [15] Sugar, silk, general. [16] Grain, lumber, general. [17] Cotton, rubber, oil, general. [18] For orders.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Clio [2]	4	17	Neth.	Royal Neth. S. S. Co.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Pereira	15	19	Pan.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	(14)	688
Colombia [2]	15	17	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	706
Quito [2]	4	17	Ger.	North German Lloyd.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
William Luckenbach.	15	15	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	(15)	6,305
Chilore	16	16	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,000
Honolulan	16	16	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Baltimore, Md.	General	6,553
Bogota [2]	16	17	Ger.	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z.	(16)	1,089
Pacific	16	16	Amer.	Weyerhaeuser S.S. Co.	Los Angeles, Cal.	Norfolk, Va.	Lumber, gen.	7,620
Torny	15	16	Nor.	No. Atl. & Gulf Co.	Yavaros, Mexico.	New York, N. Y.	Chick peas	2,000
Eugenie Livanos	15	16	Greek.	Seaboard Ship. Co.	Vancouver, B. C.	Avonmouth, Eng.	(17)	8,275
Trojan Star	16	17	Brit.	Blue Star Line	Auckland, N. Z.	Glasgow, Scotland	Frozen, gen.	5,757
Porto Bello [2]	16	16	Pan.	A. Tagaropulos	Darien, R. P.	Cristobal, C. Z.	(18)	3
Cabimas [1]	7	17	Colom.	Colombian Govt.	Balboa, C. Z.	Cartagena, Col.	Ballast	
Ino [2]	17	18	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(19)	542
Henry D. Whiton	17	17	Amer.	Dutton Lumb. Corp.	Everett, Wash.	Po'keepsie, N. Y.	Lumber	5,400
Istmo	17	17	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Manaure, Colom.	Ballast	
Jane Christenson	16	17	Amer.	Arrow Line	Tacoma, Wash.	Baltimore, Md.	Lumber	6,770
Drava	17	17	J-Slav.	J.-Slav Oceanska Plo.	Callao, Peru	Bordeaux, France	Guano	5,480
Tuira [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	60
Real [2]	17	18	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	48
Yamakaze Maru [2]	17	18	Jap.	Yamashita K. Kaisha	Tama, Japan	Buenos Aires, Arg.	(20)	8,163
Ebba [2]	18	28	Pan.	H. Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	40
Derrynane	17	18	Brit.	Seaboard Ship. Co.	N. Westm'er, B.C.	Philadelphia, Pa.	Lumber	8,300
Mayari	18	18	Pan.	United Fruit Co.	Pto. Arm'les, R.P.	Boston, Mass.	Ballast	
Gen. W. M. Graham. [11]	18	23	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.		
Svealand [2]	18	19	Swed.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	22,300
Mussolini [2]	19	20	Pan.	E. Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	85
Floridian	18	19	Amer.	Amer.-Hawaiian Line.	Seattle, Wash.	Boston, Mass.	General	5,707
Kenmar	18	19	Amer.	Calmar Line	S. Francisco, Cal.	Baltimore, Md.	Copper, lum.	7,132
Timber Rush	19	19	Amer.	Shepard S. S. Co.	Seattle, Wash.	Boston, Mass.	Lumber, gen.	7,561
Devon City [2]	18	19	Brit.	Sharpe & Co., Manila	Iloilo, P. I.	No. of Hatteras.	Sugar	9,047
Point Salinas	19	19	Amer.	Gulf-Pacific Line	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	5,700
Grainton	19	19	Brit.	Canada Shipping Co.	Vancouver, B. C.	London, England	Grain	9,300
Athelregent [1] [2]	18	19	Brit.	United Molasses Co.	Pt. Allen, T. H.	Birkenhead, Eng.	Molasses	13,774
Elisabeth Bakke [2]	19	19	Nor.	Knut Knutsen, O.A.S.	Vancouver, B. C.	Belfast, Ireland.	Lumber, gen.	7,740
Ivaran [2]	19	21	Nor.	De La Rama Line	Iloilo, P. I.	New York, N. Y.	General	7,940
Pacific Pioneer [2]	20	20	Brit.	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General	7,656
Navarino	20	20	Brit.	Seaboard Ship. Co.	Nanoose, B. C.	S'ampton, Eng.	Wheat, lum.	8,750
Rushpool	20	20	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	Liverpool, Eng.	Lumber, gen.	8,450
Osorno [2]	20	21	Ger.	Hamburg-Amer. Line.	Corral, Chile	Hamburg, Ger.	General	7,311
Northleigh	20	20	Brit.	Seaboard Ship. Co.	Pt. Alberni, B.C.	London, England	Grain, lum.	9,520
Sambu [2]	20	21	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	33
Poseidon	20	21	Ger.	F. Laeisz	Corral, Chile	Hamburg, Ger.	General	8,045
Boxhill	21	21	Brit.	Counties Management	Pt. Alberni, B.C.	Hull, England	Lum., grain	8,756
Sessa	21	21	Dan.	West Coast Line	Arica, Chile	New York, N. Y.	General	2,658
Acajutla	21	27	Brit.	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z.	Coffee, gen.	630
Santa Maria [2]	21	21	Amer.	Grace Line	SanAntonio, Chile	New York, N. Y.	Metal, fruit	3,878
Llanberis	21	21	Brit.	Seaboard Ship. Co.	Seattle, Wash.	Manchester, Eng.	Wheat, lum.	7,825
Arkansan	21	21	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	5,115
Moana [2] [6]	15	24	Amer.	William B. Leeds	San Diego, Calif.	New York, N. Y.	Ballast	
Maui	21	22	Amer.	Baltimore Mail Co.	Los Angeles, Cal.	Baltimore, Md.	General	4,481
Nicolaos D. L.	22	22	Greek.	Seaboard Ship. Co.	Pt. Alberni, B. C.	London, England	Grain, lum.	9,200
Nero [2]	22	24	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	Cocoa, hides.	183
Yorkmoor	22	22	Brit.	Canadian Transp. Co.	Vancouver, B. C.	London, England	Lum., grain.	6,628
Canada [2]	22	22	Swed.	Johnson Line	Valparaiso, Chile.	Antwerp, Belgium	Nitrate, gen.	8,791
Colombia [2]	22	24	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, gen.	709
Edward Luckenbach.	22	22	Amer.	Luckenbach Line	Townsend, Wash.	Boston, Mass.	General	5,465
Seakay [1]	22	23	Amer.	Shell Oil Co.	Los Angeles, Cal.	Baltimore, Md.	Gasoline	16,418
Andrea F. Luckenbach.	22	23	Amer.	Luckenbach Line	Seattle, Wash.	Boston, Mass.	General	8,241
Salty Bill [6]	22		Amer.	R. M. Turner	Balboa, C. Z.	Miraflores Lake.	Ballast	
Telde	22	23	Hond.	United Fruit Co.	Corinto, Nic.	New Orleans, La.	(21)	540
Talamanca [2]	20	23	Pan.	United Fruit Co.	Balboa, C. Z.	Bocas, R. P.	Tow. barge.	
San Pedro [13]	22	23	C. R.	United Fruit Co.	Balboa, C. Z.	Bocas, R. P.	Ballast	
Fella [2]	23	24	Ital.	Italian Line	Vancouver, B. C.	Trieste, Italy	General	5,573
Cerigo	23	26	Ger.	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z.	(22)	1,110
Ino [2]	23	27	Neth.	Royal Neth. S. S. Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee, hides.	321
Henry S. Grove	23	23	Amer.	Isthmian S. S. Lines.	Portland, Oreg.	Mobile, Ala.	Lumber, gen.	2,355
Bogota [2]	17	23	Ger.	North German Lloyd.	Balboa, C. Z.	Cristobal, C. Z.	Ballast	
Alaska	22	23	Nor.	Canadian Transp. Co.	Pt. Alberni, B. C.	W. Har'pool, Eng.	Lumber	7,200
Sanuki Maru [2]	23	23	Jap.	Nippon Yusen Kaisya	Nagasaki, Japan.	Hamburg, Ger.	Lumber, gen.	8,173
Santore	21	23	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	11,500
La Brea [1]	23	23	Amer.	Union Oil of Calif.	Oleum, Calif.	Carteret, N. J.	Fuel oil	9,378

[1] Tanker. [2] Motor ship. [5] Launch. [6] Yacht. [11] Mineplanter. [13] Barge. [14] Coffee, sugar, logs. [15] Canned goods, pulp, wool. [16] Wood, coffee, general. [17] Lumber, oats, wheat. [18] Plantains, corn. [19] Ivory nuts, general. [20] Sugar, ore, general. [21] Coffee, wood, general. [22] Hides, nuts, coffee.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Porto Bello [2]	23	23	Pan.	A. Tagaropulos	Darien, R. P.	Colon, R. P.	(15)	5
Gen. W. M. Graham.[11]	24	...	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Bencruachan	24	24	Brit.	Anglo-Can. S. S. Co.	Victoria, B. C.	London, England	(16)	7,514
Scottish Heather [1]	24	25	Brit.	Standard Oil of N. J.	Talara, Peru	Vallo, Norway	Crude oil	9,605
Slemdal [1] [2]	23	24	Nor.	Eagle Oil & Ship. Co.	Los Angeles, Cal.	Lands End [14]	Kerosene	9,878
H. D. Collier [1]	24	24	Amer.	Standard Oil of Calif.	Los Angeles, Cal.	Havre, France	Octane gas	11,300
San Marcos	24	24	Amer.	Quaker Line	Longview, Wash.	Philadelphia, Pa.	Lumber, gen.	6,894
Azumasan Maru [2]	24	24	Jap.	Mitsui & Co.	Cebu, P. I.	New York, N. Y.	Sugar, gen.	8,385
Benjamin Franklin.[2]	24	25	Nor.	Fred Olsen & Co.	N.Westm'er,B.C.	Oslo, Norway	General	7,140
Sambu [2]	24	25	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	63
Sona [2]	24	26	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	37
Lebore	25	25	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,800
Wildwood	24	25	Amer.	Puget Sd. Asso. Mills.	Tacoma, Wash.	New York, N. Y.	Lumber	7,069
San Jose	24	26	Fr.	French Line	Vancouver, B. C.	Havre, France	(17)	6,024
Newton Beech	24	25	Brit.	Seaboard Ship. Co.	Victoria, B. C.	Hull, England	Grain, lum.	7,000
Korana	24	25	J-Slav.	Chile Nit. Sales Corp.	Iquique, Chile	Azores [14]	Nitrate	8,135
Edgar F. Luckenbach.	24	25	Amer.	Luckenbach-Gulf Co.	Portland, Oreg.	Tampa, Fla.	Lumber, gen.	4,800
Gryfevale	25	25	Brit.	Chile Nit. Sales Corp.	Taltal, Chile	Azores [14]	Nitrate	7,785
Trois Ilets	25	27	Fr.	French Line	B'ventura, Col.	Cristobal, C. Z.	(18)	332
Lise [1] [2]	25	25	Nor.	Shell Oil Co.	Los Angeles, Cal.	Lands End, Eng.	(19)	10,017
Panaman	25	25	Amer.	Amer.-Hawaiian Line.	Townsend, Wash.	Boston, Mass.	General	6,827
Kirisima Maru [2]	25	26	Jap.	Kokusai Kisen Kaisya	Manila, P. I.	New York, N. Y.	General	8,398
Schwaben	25	26	Ger.	North German Lloyd.	Vancouver, B. C.	Hamburg, Ger.	General	8,589
Ganges	25	25	Brit.	Canadian Transp. Co.	Vancouver, B. C.	Garston, Eng.	(20)	8,060
Dalcairn	25	26	Brit.	Campbell Brothers	Makatea Island	Landskrona,Swed	Phosphate	7,820
Axel Johnson [2]	26	26	Swed.	Johnson Line	Vancouver, B. C.	Stockholm, Swed.	(21)	5,876
Mussolini [2]	26	27	Pan.	E. Obarrio	Darien, R. P.	Cristobal, C. Z.	Bananas	90
Kumikawa Maru [2]	25	26	Jap.	Kawasaki K. Kaisha	Manila, P. I.	New York, N. Y.	General	8,363
Silverpalm [2]	25	27	Brit.	Silver Line	Belawan,Sumatra	Capetown, Africa	General	7,017
Primero [2]	26	26	Nor.	De La Rama S.S. Co.	Hinigaran, P. I.	No. of Hatteras	Sugar	7,500
Ferncliff [2]	26	26	Nor.	Chile Nit. Sales Corp.	Tocopilla, Chile	Jacksonville, Fla.	Nitrate	7,790
Nyhorn [2]	26	26	Nor.	Knutsen Line	Vancouver, B. C.	Cardiff, Wales	General	7,021
Trondanger [2]	26	27	Nor.	Interocean S. S. Corp.	Vancouver, B. C.	Rotterdam,Neth.	(22)	9,131
El Oso [1]	26	26	Brit.	C. T. Bowring & Co.	Cabo Bl'co, Peru.	Ellesmere, Eng.	Bulk oil	10,272
Aconcagua [2]	27	27	Chile.	Sud Amer. de Vapores	Corral, Chile	Hamburg, Ger.	General	4,089
Hoxbar [1]	27	27	Amer.	Shell Union Oil Co.	Los Angeles, Cal.	Fall River, Mass.	Fuel oil	10,113
Washingtonian	26	27	Amer.	Amer.-Hawaiian Line.	Colombia River	Baltimore, Md.	Lumber, gen.	7,612
Hegira	27	27	Amer.	Weyerhaeuser S.S. Co.	Pt.Gamble,Wash.	Baltimore, Md.	Lumber, gen.	10,768
Carabobo [13]	23	27	Colom.	Colombian Govt	B'ventura, Col.	Cartagena, Col.	.....	.....
City of Los Angeles.	27	28	Amer.	Panama-Pacific Line	S. Francisco, Cal.	New York, N. Y.	General	3,708
Pluviose [1]	27	27	Fr.	Raffinerie de Berre	Talara, Peru	Berre, France	Crude oil	13,453
Portmar	27	27	Amer.	Calmar Line	Seattle, Wash.	Philadelphia, Pa.	Lumber	7,123
Corrientes	27	27	Brit.	Donaldson Line	Victoria, B. C.	Glasgow,Scotland	Fruit, gen.	6,174
Lieut. Col. H. C. Schumm.[4]	27	28	Amer.	U. S. Army	Balboa, C. Z.	Cristobal, C. Z.	.....	.....
Tuira [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	53
Real [2]	27	28	Pan.	Elliot Ship. & Land Co.	Darien, R. P.	Cristobal, C. Z.	Bananas	49
Bethore	28	28	Amer.	Ore S. S. Corp.	Cruz Gr'de, Chile	Baltimore, Md.	Iron ore	21,500
Orazio [2]	27	29	Ital.	Italian Line	Valparaiso, Chile.	Genoa, Italy	General	2,523
Mosli [1] [2]	27	28	Nor.	Petroleos Mexicanos	Guaymas, Mexico	Tampico, Mexico	Ballast	.....
Bennekom	27	29	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	8,789
Spreewald [2]	27	29	Ger.	Hamburg-Amer. Line.	Manila, P. I.	New Orleans, La.	(23)	6,187
Dusseldorf [2]	27	29	Ger.	North German Lloyd.	Talcahuano,Chile	Hamburg, Ger.	General	5,646
George G. Henry [1]	28	28	Amer.	Standard Oil of N. J.	Talara, Peru	So'ampton, Eng.	Gas oil	9,402
S. C. T. Dodd [1]	28	28	Amer.	Standard Oil of N. J.	El Segundo, Cal.	New York, N. Y.	Gasoline	9,255
Feruwood [2]	28	28	Nor.	Fearnley & Eger	Manila, P. I.	U.S. Atl. ports	Sugar	8,000
Hallingdal [2]	28	29	Nor.	Boe & Pedersen	Nauru, S. Pacific	Hull, England	Phosphate	5,350
Santa Rita [2]	28	29	Amer.	Grace Line	Chanaral, Chile	New York, N. Y.	Copper, gen.	3,651
Tancred [2]	27	29	Nor.	Barber Line	Zamboanga, P. I.	New York, N. Y.	General	7,748
Nevadan	28	28	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	General	6,400
Evi Livanos	28	28	Greek.	Seaboard Ship. Co.	Portland, Oreg.	London, England	Lum., wheat	8,381
Hamakua	28	29	Amer.	Matson Nav. Co.	Port Allen, T H.	Baltimore, Md.	Sugar, pines.	8,293
Scottish Star	28	29	Brit.	Blue Star Line	Vancouver, B. C.	Newcastle, Eng.	Frozen, gen.	5,600
Swiftscout [1]	29	29	Amer.	Shell-Union Oil Co.	Los Angeles, Cal.	New York, N. Y.	Fuel oil	11,177
Willamette Valley.[2]	29	29	Brit.	Reardon-Smith Line	Pulupandan, P. I.	New Orleans, La.	Sugar	8,000
Colombia [2]	29	1	Pan.	Elliot Ship. & Land Co.	B'ventura, Col.	Cristobal, C. Z.	Coffee	793
Belinda [1] [2]	29	29	Nor.	Arth H. Mathiesen	Los Angeles, Cal.	Lands End [14]	Gasoline	11,638
Marymar	29	30	Amer.	Calmar Line	Seattle, Wash.	Baltimore, Md.	Lum., copper	8,425
Robert Luckenbach.	29	30	Amer.	Luckenbach Line	Tacoma, Wash.	Boston, Mass.	Lumber, gen.	6,213
Clio [2]	29	1	Neth.	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z.	(24)	122
John Cabot	30	4	Brit.	Grace Line	Champ'ico, Guat.	Cristobal, C. Z.	General	902

[1] Tanker. [2] Motor ship. [4] Tug. [11] Mineplanter. [13] Gunboat. [14] For orders. [15] Plantains, lumber. [16] Lumber, lead, doors, general. [17] Wheat, lumber, general. [18] Coffee, ivory nuts. [19] Benzine, kerosene. [20] Wheat, pulp, lumber. [21] Wheat, fruit, general. [22] Grain, lumber, general. [23] Copra, sugar, general. [24] Cacao, balsa, hides.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Charles R. McCormick.	30	30	Amer..	McCormick S. S. Co..	Seattle, Wash...	Philadelphia, Pa.	Lumber, gen.	6,989
Porto Bello [2].....	30	30	Pan...	A. Tagaropulos.....	Darien, R. P....	Colon, R. P.....	([14])	4
Kaimoku.....	30	1	Amer..	Matson Nav. Co.....	Honolulu, T. H..	Boston, Mass....	([15])	7,861
Steel Voyager....	30	1	Amer..	Isthmian S. S. Lines..	Honolulu, T. H..	Baltimore, Md...	([16])	8,497
San Simeon.....	30	1	Amer..	Quaker Line.....	Portland, Oreg...	Philadelphia, Pa.	Lumber, gen.	6,626
Bullaren [2].....	1	1	Swed..	Transatlantic S.S. Co.	Port Pirie, Aust..	London, England	Lead, copra.	8,835
Lochmonar [2].....	1	2	Brit...	Royal Mail Lines....	Victoria, B. C...	Rotterdam, Neth.	Frozen, gen.	8,004
Real [2].....	1	3	Pan...	Elliot Ship & Land Co..	Darien, R. P....	Cristobal, C. Z..	Bananas....	30
Tuira [2].....	1	2	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	45
Point Chico.....	1	2	Amer..	Gulf-Pacific Line.....	Portland, Oreg...	Panama City, Fla	Lumber, gen.	4,722
Lodestone.....	1	2	Brit...	Seaboard Ship. Co...	Brit. Columbia..	Great Britain....	Wheat, lum.	8,440
Ebba [2].....	2	...	Pan...	H. Obarrio.....	Darien, R. P....	Cristobal, C. Z..	Bananas....	52
Gemstone.....	1	2	Brit...	Canadian Transp. Co.	Vancouver, B. C.	Grangem'h, Scot.	Wheat, lum.	8,215
Durazzo.....	2	4	Ger...	Hamburg-Amer. Line.	Guayaquil, Ecua.	Cristobal, C. Z..	Coffee, gen..	1,181
Langleecrag.....	2	2	Brit...	F. Carrick & Co.....	Englewood, B. C.	Hull, England...	Wheat, lum.	8,570
Swiftarrow [1].....	1	2	Amer..	Shell Oil Co.....	Los Angeles, Cal.	Fall Riv., Mass..	Fuel oil.....	11,250
Port Montreal [2]..	2	3	Brit...	M. A. N. Z. Line....	Wellington, N. Z.	Montreal, Canada	([17])	2,669
Sea Nymph [2] [6]..	1	4	Amer..	G. P. Seeley.....	Talara, Peru....	New York, N. Y.	Ballast.....	.....
Michael J. Goulandris.	2	2	Hellen.	Anglo-Can. S. S. Co..	Brit. Columbia..	So'ampton, Eng..	Lum., conc..	9,500
Port Saint John [2]	2	3	Brit...	M. A. N. Z. Line....	Adelaide, Aust...	Montreal, Canada	General.....	3,489
Marore.....	3	3	Amer..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	22,500
Friedrich Breme [1]	[2] 2	3	Ger...	W. Tankschiff Rhed'i.	Talara, Peru....	Rotterdam, Neth.	([18])	14,463
Lake Miraflores..	2	3	Amer..	Marine Products Co..	S. Francisco, Cal.	New York, N. Y.	Ballast.....	.....
Trois Iles.....	3	4	Fr....	French Line.....	B'ventura, Col...	Cristobal, C. Z..	Coffee.....	335
Point Arena.....	3	3	Amer..	Swayne & Hoyt.....	Longview, Wash..	Tampa, Fla.....	([19])	5,690
Mussolini [2].....	3	4	Pan...	E. Obarrio.....	Darien, R. P....	Cristobal, C. Z..	Bananas....	75
Orduna.....	3	3	Brit...	Pacific Steam Nav. Co.	Talcahuano, Chile	Liverpool, Eng..	Copper, gen.	6,426
Ino [2].....	3	8	Neth..	Royal Neth. S. S. Co.	B'ventura, Col...	Cristobal, C. Z..	Coffee, hides.	530
Leise Maersk [2]...	3	3	Dan...	H. J. Baker & Bro...	Guanape Is., Peru	Boston, Mass....	Bird guano..	4,700
Arizonan.....	3	3	Amer..	Amer.-Hawaiian Line.	Portland, Oreg. .	Boston, Mass....	Lumber, gen.	5,577
King City.....	3	4	Brit...	Mitsubishi Shoji K...	Rashin, Korea...	Aarhus, Denmark	Soy beans...	8,200
Royal Crown....	3	3	Brit...	Chile Nit. Sales Corp.	Iquique, Chile...	Azores [13].....	Nitrate.....	7,970
Woodcock [5].....	3	.	Amer..	Lt. Paul Howard.....	Balboa, C. Z....	Miraflores, C. Z..	Ballast.....	.....
Sambu [2].....	4	5	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	43
Sona [2].....	4	5	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	28
Pennsylvania Sun [1]	[2] 4	4	Amer..	Sun Oil Co.....	El Segundo, Calif.	Marcus Hook, Pa.	Gasoline....	17,530
Cathwood [1].....	4	4	Amer..	Union Oil of Calif....	Pt. San Luis, Calif.	Savannah, Ga...	Crude oil...	9,318
Lieut. Col. H. C. Schumm. [4]	5	7	Amer..	U. S. Army.....	Balboa, C. Z....	Cristobal, C. Z..	Tow. barge..	.....
Niel Maersk [2]....	4	6	Dan...	A. P. Moller.....	Cebu, P. I.....	Savannah, Ga...	General.....	6,303
Salvador.....	4	...	Brit...	Pacific Steam Nav. Co.	Champ'ico, Guat.	Cristobal, C. Z..	General.....	858
Ashworth.....	5	5	Brit...	United Potash Co....	Los Angeles, Cal.	Hull, England...	Potash.....	7,552
Santa Lucia.....	5	6	Amer..	Grace Line.....	Valparaiso, Chile.	New York, N. Y.	General.....	3,955
Lobos [2].....	5	6	Brit...	Pacific Steam Nav. Co.	Talcahuano, Chile	Glasgow, Scotland	General.....	6,847
Nosiro Maru [2]...	6	6	Jap...	Nippon Yusen Kaisha	Iloilo, P. I.....	New York, N. Y.	Silk, gen....	6,790
Nero [2].....	6	10	Neth..	Royal Neth. S. S. Co.	Guayaquil, Ecua.	Cristobal, C. Z..	([20])	303
Colombia [2].....	6	8	Pan...	Elliot Ship. & Land Co.	B'ventura, Col...	Cristobal, C. Z..	General.....	711
Paul Luckenbach.	6	6	Amer..	Luckenbach Line....	Seattle, Wash...	Boston, Mass....	Lumber, gen.	6,725
Texas Sun [1] [2]...	6	7	Amer..	Sun Oil Co.....	Los Angeles, Cal.	Chester, Pa.....	Gasoline....	14,951
Nordhval [2].....	6	7	Dan...	P. Brown, Jr.....	Portland, Oreg...	Falm'th, Eng. [13]..	Wheat.....	7,900
Zvir.....	6	7	J-Slav.	Seaboard Ship. Co....	Portland, Oreg...	Liverpool, Eng..	Grain, lum..	7,850
Pacific Grove [2]...	6	7	Brit...	Furness, Withy & Co.	Vancouver, B. C.	Manchester, Eng.	General.....	7,535
Orotava.....	6	8	Hond..	United Fruit Co.....	La Union, Salv..	New Orleans, La.	Coffee, sugar	531
Quito [2].....	7	8	Ger...	North German Lloyd.	Guayaquil, Ecua.	Cristobal, C. Z..	Rub'r, coffee.	845
Hertford.....	7	7	Brit...	Fed. Steam Nav. Co..	New Zealand....	Liverpool, Eng..	Frozen, gen.	6,113
Tosan Maru [2]....	7	8	Jap...	Osaka Shosen Kaisya.	Davao, P. I.....	Baltimore, Md...	General.....	7,626
Kinross [2].....	7	7	Brit...	Anglo-Can. S. S. Co..	Vancouver, B. C.	Leith, Scotland..	Wheat, lum.	8,674
Europa [2].....	7	8	Dan...	East Asiatic Co.....	Vancouver, B. C.	Copenhagen, Den.	Grain, gen..	9,340
Amerikaland [2]....	7	8	Swed..	Ore S. S. Corp.....	Cruz Gr'de, Chile	Baltimore, Md...	Iron ore....	22,300
City of San Francisco.	8	8	Amer..	Panama-Pacific Line...	S. Francisco, Cal.	New York, N. Y.	General.....	2,279
Hunter Liggett [8]..	7	8	Amer..	U. S. Army.....	S. Francisco, Cal.	New York, N. Y.	General.....	4,148
Monserrate [2].....	7	9	Ger...	Hamburg-Amer. Line.	Valparaiso, Chile.	Hamburg, Ger...	General.....	6,202
Woodcock [4].....	8	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Californian [2].....	7	8	Amer..	Amer.-Hawaiian Line.	S. Francisco, Cal.	Boston, Mass....	General.....	3,721
Queen Victoria [2]..	7	8	Brit...	Canadian Transp. Co.	Pt. Alberni, B. C.	London, England	Lum., wheat.	9,015
Steel Age.....	7	8	Amer..	Isthmian S. S. Lines..	Los Angeles, Cal.	New York, N. Y.	Sugar.....	8,922
Tatnall [9].....	8	...	Amer..	U. S. Navy.....	Balboa, C. Z....	Cristobal, C. Z..	.....	.....
Sylvan Arrow [1]..	8	8	Amer..	Asiatic Pet. Co.....	Los Angeles, Cal.	Bayonne, N. J...	Fuel oil.....	12,604
San Vincente.....	8	8	Amer..	Quaker Line.....	Longview, Wash.	Philadelphia, Pa.	Lumber, gen	5,587
Sambu [2].....	8	9	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	56
Porto Bello [2].....	8	8	Pan...	A. Tagaropulos.....	Darien, R. P....	Colon, R. P.....	([21])	5
Sona [2].....	8	9	Pan...	Elliot Ship. & Land Co.	Darien, R. P....	Cristobal, C. Z..	Bananas....	35
Rotorua.....	8	9	Brit...	N. Z Shipping Co....	Lyttelton, N. Z..	Glasgow, Scotland	Frozen, gen.	6,790
Coryton.....	8	9	Brit...	Anglo-Can. S. S. Co..	N. Westm'er, B.C.	London, England	([22])	7,545

[1] Tanker. [2] Motor ship. [4] Tug. [5] Launch. [6] Yacht. [8] Transport. [9] Destroyer. [13] For orders. [14] Plantains, lumber. [15] Sugar, canned pineapples, canec. [16] Sugar, canned pineapples. [17] Wool, hides, tallow, gum. [18] Naphtha, gas oil. [19] Lumber, sugar, general. [20] Wood, cacao, ivory nuts. [21] Plantains, lumber. [22] Spelter, grain, lumber.

PACIFIC TO ATLANTIC—Continued

Ship	Date arrived	Date cleared	Nationality	Line (Charterer or operator)	Port		Cargo	
					From—	For—	Nature	Long tons
Bodegraven	8	9	Neth.	Royal Neth. S. S. Co.	Corral, Chile	Hamburg, Ger.	General	7,614
Marna	8	9	Dan.	Wessel, Duval & Co.	Valparaiso, Chile.	New York, N. Y.	Nitrate, gen.	2,602
Liberty Glo	9	9	Amer.	Amer.-Foreign Corp.	Tacoma, Wash.	New York, N. Y.	Lumber	7,700
Sagittaire [2]	10	...	Fr.	Messageries Marit'es.	Noumea,N.Caled	Marseille,France.	([13])	6,861
Tropic Star [2]	9	10	Nor.	Chile Nit. Sales Corp.	Iquique, Chile	Savannah, Ga.	Nitrate	8,325
Baron Fairlie	10	10	Brit.	Brit. Phosphate Co.	Nauru, So. Sea I.	Hull, England	Phosphate	9,250
King William	10	10	Brit.	Seaboard Ship. Co.	Portland, Oreg.	London, England	Wheat, lum.	8,036
Recina	10	10	J-Slav.	Seaboard Ship. Co.	Pt. Alberni, B. C.	Cardiff, Wales	Wheat, lum.	8,700
Baron Minto	10	10	Brit.	H. Hogarth & Sons	Nauru, So. Sea I.	Grangem'h, Scot.	Phosphate	8,500
Texan	10	10	Amer.	Amer.-Hawaiian Line.	Portland, Oreg.	Boston, Mass.	Lumber, gen.	5,630
Flomar	10	10	Amer.	Calmar Line	Newport, Oreg.	Baltimore, Md.	([14])	7,565

[2] Motor ship. [13] Copal, nickel, general. [14] Lumber, wood pulp.

Commercial Traffic Through the Panama Canal During Fiscal Year 1939

Segregation of the ocean-going traffic through the Canal during the fiscal year 1939, by nationality, is presented in the following table:

TRAFFIC THROUGH THE PANAMA CANAL DURING FISCAL YEAR 1939 BY NATIONALITY OF VESSELS

Nationality	No. of ships	Tonnage			Tolls	Tons of cargo
		Panama Canal net	Registered gross	Registered net		
Belgian	1	5,900	8,718	4,752	$5,310.00	12,483
British	1,502	7,670,148	9,462,345	5,734,048	6,610,453.26	6,801,556
Chilean	26	106,340	156,125	92,626	94,518.90	62,904
Danish	200	758,021	865,500	524,441	664,454.16	727,552
French	107	531,238	710,044	388,708	473,438.38	501,752
German	361	1,454,702	1,830,050	1,066,578	1,299,223.44	1,468,996
Greek	117	553,999	627,338	381,590	469,487.70	666,471
Honduran	37	59,766	100,475	59,101	51,474.60	23,208
Italian	59	324,926	463,312	275,069	298,816.32	179,468
Japanese	261	1,518,254	2,021,556	1,250,844	1,354,716.54	1,710,303
Latvian	1	2,738	3,204	1,875	2,464.20	4,870
Netherland	312	804,627	943,574	559,476	701,670.06	675,105
Norwegian	704	3,199,352	3,770,432	2,248,510	2,709,337.68	3,408,078
Panamanian	193	359,013	493,803	294,347	299,174.40	371,721
Peruvian	6	12,088	17,786	10,590	10,879.20	8,339
Philippine	5	24,025	26,060	15,420	21,622.50	37,057
Soviet	8	17,654	26,320	15,338	17,488.60	19,926
Swedish	157	719,861	1,254,967	654,787	613,432.98	1,008,245
United States	1,788	8,799,510	11,494,098	6,977,214	7,758,390.78	9,909,380
Venezuelan	2	3,468	5,630	3,144	2,809.08	2,300
Yugoslav	56	244,377	301,748	186,828	201,858.30	266,913
Total fiscal year 1939	5,903	27,170,007	34,583,085	20,745,286	23,661,021.08	27,866,627
Total fiscal year 1938	5,524	[1]25,950,000	32,918,177	19,621,870	23,169,888.70	27,385,924
Total fiscal year 1937	5,387	[1]25,430,000	32,575,300	19,303,366	23,102,137.12	28,108,375

[1] Estimated tonnage under rules which became effective March 1, 1938.

NOTE.—The above statement includes only ocean-going commercial traffic of 300 net tons and over, Panama Canal measurement, and foreign naval vessels of 500 tons displacement and over.

Floating craft, other than merchant vessels, including foreign warships, pay tolls on displacement tonnage at 50 cents per displacement ton. Included in the preceding tabulation of transits and tolls but not of tonnages, are the following 22 foreign naval vessels of 500 tons displacement and over and 1 United States dredge which transited the Canal during the fiscal year 1939 and paid tolls on displacement:

Nationality	No. of transits	Displacement tonnage	Tolls
British	17	61,617	$30,808.50
French	1	7,775	3,887.50
Italian	2	18,843	9,421.50
Soviet	2	3,200	1,600.00
United States (dredge)	1	1,296	648.00
Total	23	92,731	46,365.50

Comparison of Traffic at the Suez and Panama Canals for the 12 Months Ended May 31, 1938 and 1939

Month	Suez Canal				Panama Canal			
	Number of transits		Percent		Number of transits		Percent	
	1938–39	1937–38	Increase	Decrease	1938–39	1937–38	Increase	Decrease
June	469	540	.....	13.1	445	472	.....	5.7
July	509	551	.....	7.6	429	457	.....	6.1
August	522	531	.....	1.7	468	505	.....	7.3
September	508	522	.....	2.7	438	444	.....	0.9
October	540	557	.....	3.1	494	461	7.2	.....
November	495	526	.....	5.9	505	435	16.1	.....
December	503	541	.....	7.0	509	439	15.9	.....
January	472	544	.....	13.2	525	444	18.2	.....
February	496	508	.....	2.4	501	436	14.9	.....
March	536	578	.....	7.3	553	506	9.3	.....
April	509	516	.....	1.4	496	487	1.8	.....
May	508	479	6.1	.....	506	465	8.8	.....
Total	6,067	6,393	.....	5.1	5,869	5,551	5.7	.....

Directory of The Panama Canal

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L. A. Poltrino, Secretary.

C. A. McIlvaine, Executive Secretary.
C. M. Lupfer, Chief Clerk.
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C. H. Calhoun, Chief, Division of Civil Affairs.
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F. H. Wang, General Counsel.
Capt. Charles Sommers, U. S. A., Senior Aeronautical Inspector.
Robert W. Glaw, Paymaster.
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Department of Operation and Maintenance

(Under immediate direction of the Governor assisted by the Engineer of Maintenance)
Headquarters, Balboa Heights

Col. Glen E. Edgerton, U. S. A., Engineer of Maintenance.
J. G. Claybourn, Superintendent, Dredging Division, Gamboa.
Leonard Foote, Assistant Superintendent, Dredging Division, Gamboa.
E. S. Randolph, Designing Engineer, Special Engineering Section.
W. H. Dunlop, Chief of Plans Section.

Lt. Col. D. L. Weart, U. S. A., Assistant Engineer of Maintenance.
R. Z. Kirkpatrick, Engineering Assistant to the Assistant Engineer of Maintenance.
A. C. Garlington, Electrical Engineer, Electrical Division.
G. W. Green, Municipal Engineer, Division of Municipal Engineering.
L. B. Moore, Office Engineer.
E. D. Stillwell, Superintendent, Locks Division, Pedro Miguel.
G. E. Matthew, Acting Chief of Surveys.

Capt. Thos. A. Symington, U. S. N., Marine Superintendent, Marine Division.
Comdr. Nicholas Vytlacil, U. S. N., Captain of the Port, Cristobal.
Comdr. George T. Howard, U. S. N., Captain of the Port, Balboa
Lt. Comdr. W. S. Bitler, U. S. N., Assistant to Marine Superintendent.
F. de V. Sill, Director of Admeasurement.
Board of Local Inspectors, Comdr. Nicholas Vytlacil, U. S. N., *Chairman*, Comdr. George T. Howard, U. S. N., and Lt. Comdr. W. S. Bitler, U. S. N., members.
Board of Admeasurement, Capt. Thos. A. Symington, U. S. N., *Chairman*, F. de V. Sill, F. E. Williams, Cristobal, E. Stetler, Balboa, members.
John J. Walker, Recorder for Board of Local Inspectors and Board of Admeasurement.

Department of Operation and Maintenance—Continued

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G. W. PENSEYRES, Pilot in Charge, Lighthouse Subdivision, Gatun.
Capt. E. R. NORTON, Construction Corps, U. S. N., Superintendent, Mechanical Division, Balboa.
H. H. EVANS, Assistant Superintendent, Mechanical Division, Balboa.
Lt. Robert A. Hinners (C. C.), U. S. N., Assistant to the Superintendent, Mechanical Division, Balboa.
W. H. STONE, Production Superintendent, Cristobal Shops, Cristobal.

Supply Department

Headquarters, Balboa Heights

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J. M. KING, District Quartermaster, Ancon-Balboa, Balboa Heights.
C. PETERS, District Quartermaster, Cristobal-Gatun, Cristobal.
B. T. CARR, District Quartermaster, Pedro Miguel-Gamboa, Pedro Miguel.
W. R. LINDSAY, Director, Canal Zone Experiment Gardens, Balboa Heights.
L. W. LEWIS, 2d Asst. Chief Quartermaster.
FAY E. POWELL, Constructing Quartermaster.
E. H. PARMELEE, General Storekeeper, Balboa.
SAMUEL GRIER, Superintendent, Animal and Motor Transportation Division, Ancon.
T. A. AANSTOOS, Printer, Panama Canal Press, Mt. Hope.

Accounting Department

Headquarters, Balboa Heights

WILSON H. KROMER, Comptroller.
ARNOLD BRUCKNER, Assistant Comptroller on the Isthmus.
CARL F. CHASE, Chief Accountant.
T. M. DRAKE, Chief Examiner.
H. H. HUDSON, Claim Officer.
J. R. BOBBITT, Railroad Accountant.

Health Department

Headquarters, Balboa Heights

Col. MORRISON C. STAYER, U. S. A., Chief Health Officer.
Dr. D. P. CURRY, Assistant Chief Health Officer.
Dr. LYNN E. FULLERTON, U. S. P. H. S., Chief Quarantine Officer.
Col. MICHAEL A. DAILEY, U. S. A., Superintendent, Gorgas Hospital, Ancon.
Lt. Col. FREDERICK H. PETTERS, U. S. A., Superintendent, Colon Hospital, Cristobal.
Lt. Col. CLEVE C. ODOM, U. S. A., Superintendent, Corozal Hospital, Corozal.
Dr. J. C. ELLINGTON, Health Officer of Panama City, Ancon.
Dr. J. L. BYRD, Health Officer of Cristobal-Colon, Cristobal.
Dr. PHILIP HORWITZ, Quarantine Officer, Cristobal.
Dr. J. D. ODOM, Quarantine Officer, Balboa.

Wage and Complaints Boards

Balboa Heights

Wage Board:
Lt. Col. D. L. WEART, representing The Panama Canal.
CHARLES F. WAHL, representing employees.
Complaints Board:
Lt. Col. D. L. WEART, and head of Department or Division interested, representing The Panama Canal.
CHARLES F. WAHL, representing employees.

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F. B. HEIMER, Assistant to the Chief of Office.
E. D. ANDERSON, Chief Clerk, Purchasing Department.
B. F. BURDICK, Assistant Comptroller.
P. P. GREENWOOD, Inspecting Engineer.
W. J. SHERIDAN, Assistant Purchasing Agent, 24 State St., New York, N. Y.

Panama Railroad Company

Headquarters Balboa Heights

Brig. Gen. C. S. RIDLEY, U. S. A., President.
Col. G. E. EDGERTON, U. S. A., Second Vice President.
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E. D. MASON, Assistant to General Manager.
J. H. STILSON, JR., Commercial Agent.
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E. N. STOKES, Roadmaster.
A. L. PRATHER, Receiving and Forwarding Agent, Cristobal.
W. H. KROMER, Comptroller.
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A. H. MOHR, Collector.
R. R. WATSON, Chief Quartermaster.
J. H. K. HUMPHREY, Assistant Chief Quartermaster.
A. W. GOULET, General Manager, Commissary Division, Mt. Hope.
JAS. E. LEWIS, Manager, Hotel Tivoli, Ancon.
D. J. HENDRICK, Manager, Hotel Washington, Cristobal.
Capt. E. R. NORTON, U. S. N., Mechanical Superintendent.
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W. L. HALL, Acting Auditor.
W. K. B. POTTS, Superintendent.
WAYNE JOHNSON, General Counsel.
W. M. LLOYD, Freight Traffic Manager.
W. G. FITCH, Passenger Traffic Manager.
W. J. SHERIDAN, Commissary Purchasing Agent.

Courts of Canal Zone

Ancon, C. Z.

U. S. District Court:
BUNK GARDNER, District Judge.
HERBERT H. HUNT, Jr., Clerk of Court.
Miss DOROTHY SELLARS, Deputy Clerk of Court.
Miss SARAH DE LA PENA, Deputy Clerk of Court.
C. T. McCORMICK, JR., Deputy Clerk of Court, Cristobal.
J. J. McGUIGAN, District Attorney.
CHAS. E. RAMIREZ, Assistant District Attorney.
JOHN E. HUSHING, Marshal of the United States in and for the Canal Zone.
FRANK H. BASSETT, Jr., Deputy Marshal of the United States in and for the Canal Zone.
Magistrates Courts:
P. E. MURRAY, Magistrate, Balboa.
E. I. P. TATELMAN, Magistrate, Cristobal.

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